



*Catalogue of  
publications  
June 2004*



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Sincerely,

A.H. Radjy  
Chief, Common Services Department

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\* In the new 2004 edition, all ITU-Reports that are in force will also be included in this List.

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# Contents

<b>1. PUBLICATIONS OF THE ITU GENERAL SECRETARIAT</b>	
1.1 Conference Publications .....	1
1.2 Regulatory Publications and Policy Forum .....	4
1.3 Other General Secretariat Publications .....	10
1.4 ITU TELECOM Publications .....	12
<b>2. PUBLICATIONS OF THE ITU-D SECTOR (DEVELOPMENT)</b>	
2.1 Publications on World and Regional Telecommunication Development Conferences .....	15
2.2 ITU-D Publications related to Seminars, Meetings and Colloquia .....	16
2.3 ITU-D Publications related to Telecommunication Policies .....	17
2.4 Telecommunication Indicators .....	24
2.5 Work of the ITU-D Study Groups 1 and 2 .....	28
2.6 Manuals and Handbooks .....	33
<b>3. PUBLICATIONS OF THE ITU-R SECTOR (RADIOCOMMUNICATIONS)</b>	
3.1 Final Acts .....	35
3.2 Regulatory Publications (including Service Documents) .....	36
3.3 ITU-R Recommendations .....	43
3.4 ITU-R Reports .....	51
3.5 Resolutions and Opinions .....	56
3.6 Handbooks .....	56
3.7 Software Applications .....	63
<b>4. PUBLICATIONS OF THE ITU-T SECTOR (STANDARDIZATION)</b>	
4.1 Regulations, Resolutions and Conference Publications.....	65
4.2 Material published in Complement to and in Accordance with ITU-T Recommendations or the Resolutions of the International Telecommunication Regulations (ITR) .....	66
4.3 ITU-T Recommendations .....	69
4.4 Handbooks.....	71
4.5 ITU-T Test Charts .....	78
4.6 ITU-T Software.....	79
4.7 Other Products .....	82
<b>WHAT IS THE INTERNATIONAL TELECOMMUNICATION UNION?</b>	
What is ITU?.....	83
What does ITU consist of?.....	83
Radiocommunication.....	83
Standardization .....	83
Development .....	84
General Secretariat.....	84
<b>WHOM TO CONTACT?</b> .....	86
<b>INDEX OF TITLES</b> .....	89
<b>INDEX OF SUBJECTS</b> .....	97

# Legend

**Final Acts of the Plenipotentiary Conference**

*Kyoto, 1994*

This includes the instrument amending both the Constitution and Convention of the ITU (Geneva, 1992), Signatures, Declarations and Reservations, and Decisions, Resolutions and Recommendations.

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

ISBN: E: 92-61-05521-4 F: 92-61-05522-2 S: 92-61-05523-0  
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Edition and publication date

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ISBN number by language

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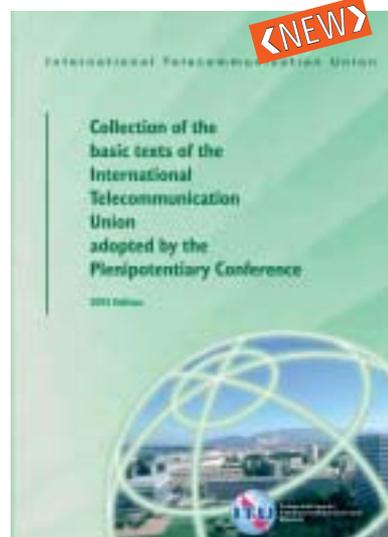
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## 1.1 CONFERENCE PUBLICATIONS

### Collection of the basic texts of the International Telecommunication Union adopted by the Plenipotentiary Conference

2003



A reference document containing: a) the Constitution and the Convention as amended by plenipotentiary conferences; b) General Rules of Conferences, Assemblies and Meetings of the Union; c) the full text of the Optional Protocol on the compulsory settlement of disputes relating to the Constitution, the Convention and the Administrative Regulations; d) the full text of all decisions, resolutions and recommendations in force; e) a list of abrogated decisions, resolutions and recommendations.

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

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Article: E: 22944	F: 22945	S: 22946
R: 22950	C: 22949	A: 22948

pp.: 632 Price: 90 CHF

Electronic Bookshop

### Collection of the basic texts of the International Telecommunication Union adopted by the Plenipotentiary Conference

2003



The texts are available in Adobe Acrobat PDF format.

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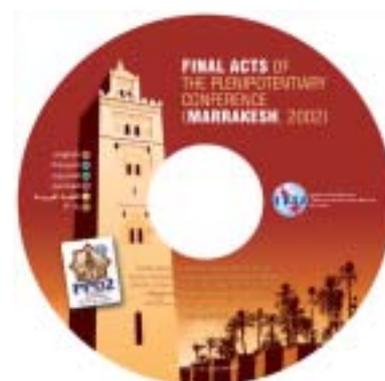
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Article: 22947

CD-ROM Price: 90 CHF

### Final Acts of the Plenipotentiary Conference

Marrakesh, 2002



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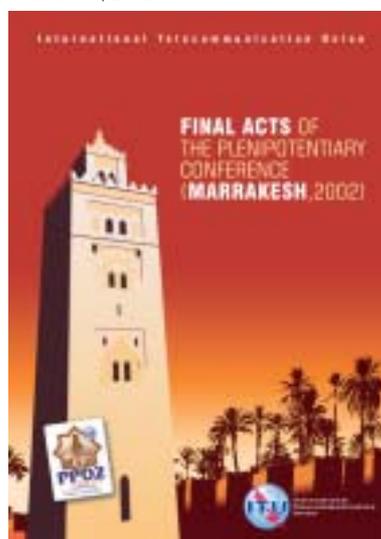
ISBN: 92-61-10237-9

Article: 22938

CD-ROM Price: 60 CHF

### Final Acts of the Plenipotentiary Conference

Marrakesh, 2002



Instruments amending the Constitution and the Convention of the International Telecommunication Union (Geneva, 1992) as amended by the Plenipotentiary Conference (Kyoto, 1994) and the Plenipotentiary Conference (Minneapolis, 1998).

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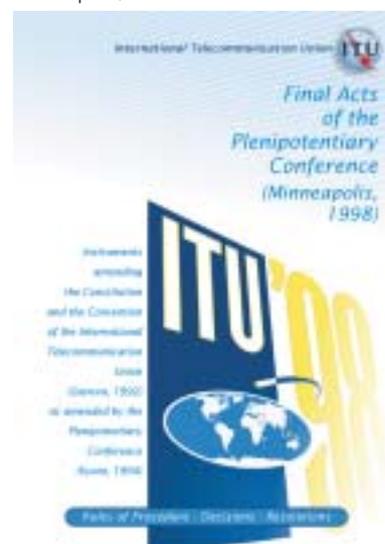
Article: E: 22935	F: 22936	S: 22937
R: 22941	C: 22940	A: 22939

pp.: 372 Price: 60 CHF

Electronic Bookshop

### Final Acts of the Plenipotentiary Conference

Minneapolis, 1998



Instruments Amending the Constitution and the Convention of the International Telecommunication Union (Geneva, 1992) as amended by the Plenipotentiary Conference (Kyoto, 1994).

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

ISBN: E: 92-61-07641-6	F: 92-61-07642-4
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C: 92-61-07645-9	A: 92-61-07646-7

Article: E: 14099	F: 14133	S: 14134
R: 14138	C: 14137	A: 14136

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### Final Acts of the Plenipotentiary Conference

Minneapolis, 1998



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

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### Final Acts of the Plenipotentiary Conference

Minneapolis, 1998



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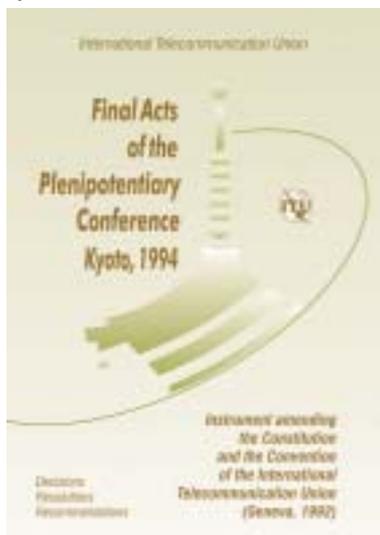
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Article: 18689

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### Final Acts of the Plenipotentiary Conference

Kyoto, 1994



This includes the instruments amending both the Constitution and Convention of the ITU (Geneva, 1992), Signatures, Declarations and Reservations, and Decisions, Resolutions and Recommendations.

Is also available on diskette for 30 CHF (article number 5408).

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Article: E: 5483 F: 5482 S: 5484  
R: 5487 C: 5486 A: 5485

pp.: 140 Price: 35 CHF

Diskette

Electronic Bookshop

### Final Acts of the Additional Plenipotentiary Conference (APP-92)

Geneva, 1992

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ISBN: E: 92-61-04771-8 F: 92-61-04772-6  
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C: 92-61-04775-0 A: 92-61-04776-9

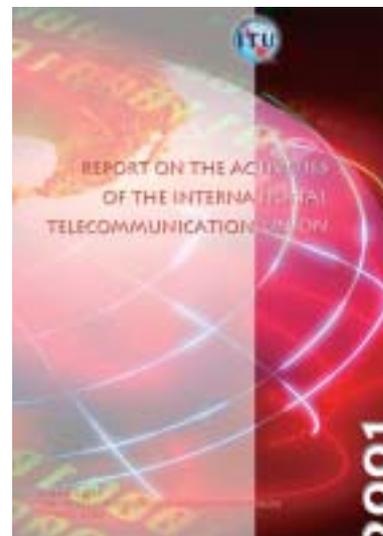
Article: E: 3218 F: 3217 S: 3219  
R: 3222 C: 3221 A: 3220

Paper Price: 44 CHF

Electronic Bookshop

### Report on the Activities of the International Telecommunication Union

2001 – Free of charge



Statistical and operational information on main activities of the Sectors and the General Secretariat, including conferences, meetings and Council activities.

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pp.: 80

Electronic Bookshop

### Report on the Activities of the International Telecommunication Union

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Statistical and operational information on main activities of the Sectors and the General Secretariat, including conferences, meetings and Council activities.

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pp.: 76

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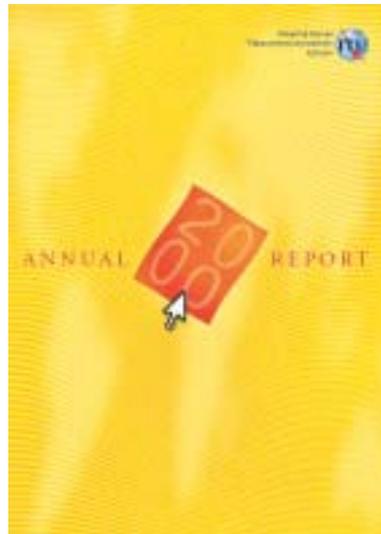
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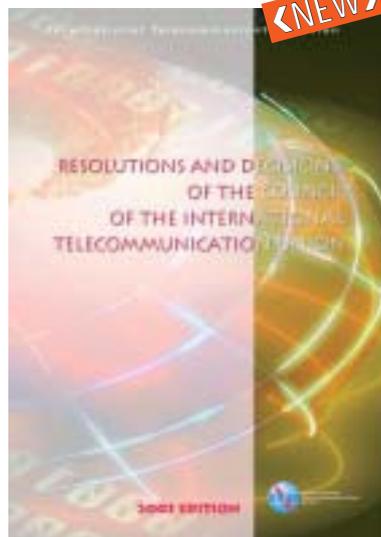
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Separate editions in E, F, S

pp.: 44

### Resolutions and Decisions of the Council of the International Telecommunication Union

2003



This publication contains the complete text of the Council's Resolutions and Decisions. It also contains three appendices (numerical list of all Resolutions adopted

by the Council since its creation, numerical list of all Decisions adopted by the Council since its creation and an analytical table).

Separate editions in E, F, S

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S: 92-61-10463-0

Article: E: 23544 F: 23605 S: 23604

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### Resolutions and Decisions of the Council of the International Telecommunication Union

2002

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Separate editions in E, F, S

pp.: 192 Price: 36 CHF

Electronic Bookshop

This Catalogue is published in English, French and Spanish.

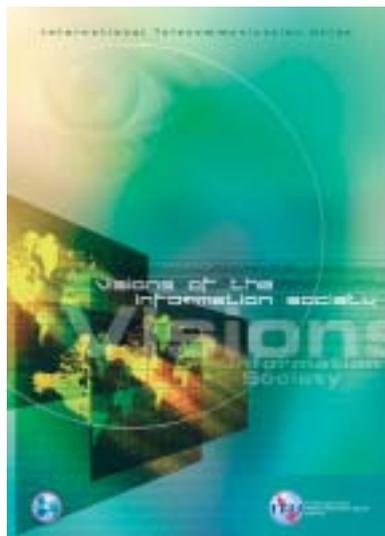
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## 1.2 REGULATORY PUBLICATIONS AND POLICY FORUM

### The Changing Role of Government in an Era of Telecom Deregulation. Briefing Reports prepared for the ITU Regulatory Colloquia

#### Visions of the Information Society

2003



The spectacular development of information and communication technologies (ICT) has radically affected the way in which humans work, dialogue with each other, and go about their daily lives. It has transformed the global economy, heralding a new and dynamic "information society". But what are the real implications of the transformation? Greater security risks? Access to information for everyone, everywhere? This publication, consisting of a book containing expert analyses of different areas and a CD-ROM containing extensive background resources, electronic versions of studies and web references, provides a global reflection on the information society. The authors are renowned experts in their respective fields, and include leading academics and consultants of international repute. The major themes covered are: the perspectives of industrialized and developing countries; network security; ICTs for education; and rights management.

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pp.: 144

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Electronic Bookshop

#### World Telecommunication Policy Forum IP Telephony

2001



This CD-ROM, prepared for the World Telecommunication Policy Forum (WTPF-2001) on IP Telephony, held from 7 to 9 March 2001, contains all the background documents relevant to that meeting, including the Secretary-General's report, comments and contributions from the membership, as well as a series of country case studies, each of about 40-50 pages, covering either IP Telephony (Canada, China, Colombia, Korea (Rep.), Peru and Thailand) or Internet diffusion (Bolivia, Egypt, Hungary, Nepal, Singapore and Uganda).

#### Multilingual edition in E, F, S

ISBN: 92-61-09167-9

Article: 18764

CD-ROM

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### ◀FORTHCOMING▶

#### ITU Internet Reports: The Portable Internet

2004, 6th edition

This report, the sixth in the ITU Internet Report series, analyses the impact and potential of the portable Internet on the changing wireless landscape. In its analysis, the report aims to cover a complete range of aspects, including technologies (e.g. Wi-Fi, WiMAX, UWB and IMT-2000), market trends (e.g. convergence, pricing strategies), policy and regulatory issues (e.g. spectrum policy, competition policy), tools for bridging the digital divide (e.g. success stories and country case studies)

and choices for society, including future scenarios and societal implications of technologies.

#### Edition in E

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Article: E: 25325

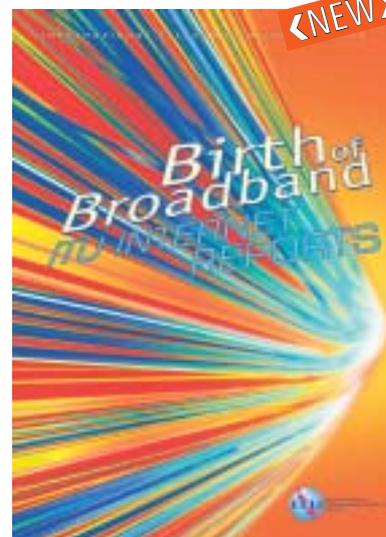
Paper

Price: 100 CHF

Electronic Bookshop

#### ITU Internet Reports: Birth of Broadband

2003, 5th edition



This report on the "Birth of Broadband" is the fifth in the ITU Internet Reports series (previously known as "Challenges to the Network"). At a time when the telecommunication industry is struggling with overcapacity and indebtedness, broadband – high-speed Internet access – offers the chance of revitalizing market demand. The number of broadband subscribers is set to double in 2003. This report has been specially prepared to coincide with ITU TELECOM WORLD 2003, to be held in Geneva from 12 to 18 October 2003. The first part presents a series of analytical chapters, backed up by country case studies, graphs and charts. The second part presents the latest available data for broadband and telecommunication use in

206 economies across the globe, including the new release of ITU's Mobile and Internet Index.

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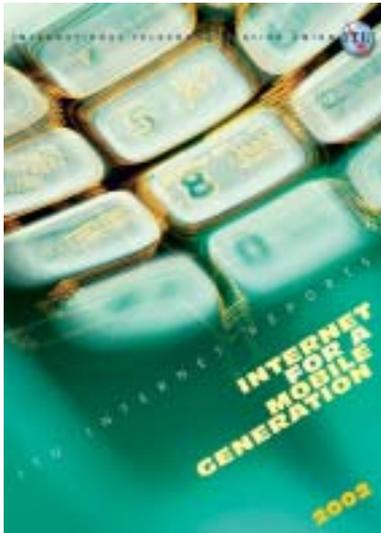
pp.: 200

Price: 100 CHF

Electronic Bookshop

#### ITU Internet Reports: Internet for a Mobile Generation

2002, 4th edition



This report on Internet for a Mobile Generation is the fourth in the "ITU Internet Reports" series (previously known as "Challenges to the Network"). The key issues addressed in this 2002 edition are: technologies and applications; demand, market structure and economic implications; regulatory and policy aspects. Material from individual country case studies provides valuable and informative insights and a Statistical Annex presents the latest information on the status of Internet developments worldwide.

#### Separate editions in E, R

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Article: E: 21294 R: 22958

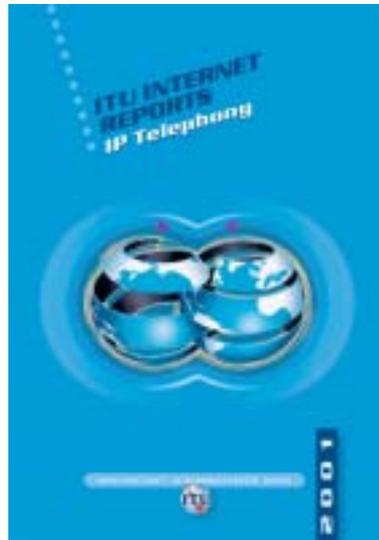
pp.: 242

Price: 100 CHF

Electronic Bookshop

#### ITU Internet Reports: IP Telephony

2001, 3rd edition



This report reviews the economic, technical and regulatory factors which are affecting the spread of IP Telephony. It presents original research on case studies on the adaptation of IP Telephony in a number of countries including China, Columbia, Peru and Thailand.

#### Separate editions in E, R, A

ISBN: E: 92-61-08621-7 R: 92-61-08624-1

A: 92-61-08626-8

Article: E: 18100 R: 20637 A: 20660

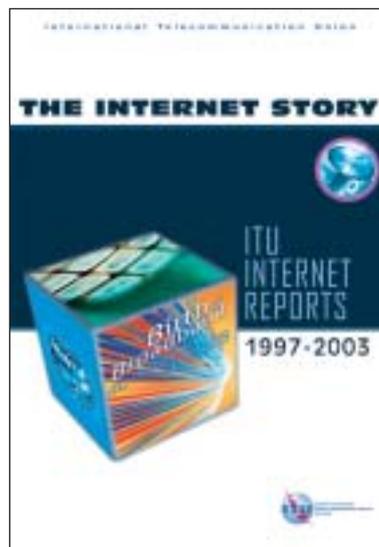
pp.: 168

Price: 100 CHF

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#### The Internet Story: ITU Internet Reports 1997-2003

Collection of the series



This series of reports began in 1997 under the title "Challenges to the Network". Fol-

lowing the publication of the fifth in what is now known as the "ITU Internet Reports" series, on "Birth of Broadband" (released in September 2003), this CD-ROM, with a booklet summarizing the main issues, now presents the entire series, from 1997 to 2003. Initially presenting the series only up to 2002, this publication now includes the very latest release on Broadband in 2003, with a view to providing our readership with an even more complete series.

#### Edition in E

ISBN: 92-61-10167-4

Article: 22529

CD-ROM

Price: 300 CHF

#### «FORTHCOMING»

#### The ITU New Initiatives Programme: Countering Spam

2004

This publication presents the materials and conclusions of a thematic meeting on "Countering Spam" held by ITU from 7 to 9 July 2004, and forms part of the ITU New Initiatives Programme series. Among other things, the contributions delivered by the participants looked at the problem of finding a common approach to spam, and analyse issues ranging from technical solutions, different legislative approaches and international cooperation among different stakeholders. Also looked at is the problem of consumer awareness and education.

#### Edition in E

ISBN: E: 92-61-10751-6

Article: E: 25264

Paper

Price: 65 CHF

Electronic Bookshop

**The ITU New Initiatives  
Programme: Internet Governance**  
2004



This publication contains materials and some of the conclusions of a workshop held by ITU on 26 and 27 February 2004, on the topic of Internet Governance. The book contains highlights from the workshop presentations and output. The workshop's objective was to contribute to the ITU's process that will prepare its inputs and position vis-à-vis the United Nations working group to be established on Internet governance, resulting from the Declaration of Principles and Action Plan adopted on 12 December 2003 at the first phase of the World Summit on the Information Society.

The event, and this publication, provide some of the contributions from individual experts in Internet governance from a wide spectrum of backgrounds and views, including from ITU's Membership.

**Edition in E**

ISBN: E: 92-61-10711-7

Article: E: 25124

pp.: 350 Price: 65 CHF

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**◀FORTHCOMING▶**

**The ITU New Initiatives  
Programme: Radio Spectrum  
Management for a Converging  
World**

2004

This publication contains the materials and conclusions of a recent ITU workshop organized jointly between the Strategy and Policy Unit (SPU) and the Radiocommunication Bureau (BR). This workshop served as a forum for policy-makers and regulators, wireless user groups, experts and industry players involved in spectrum management. Issues related to the unlicensed portions of the radio spectrum and experiences of individual countries are also included in the publication.

**Edition in E**

ISBN: E: 92-61-10721-4

Article: E: 25125

Paper Price: 65 CHF

Electronic Bookshop

**◀FORTHCOMING▶**

**The ITU New Initiatives  
Programme: Shaping the Future  
Mobile Information Society**

2004

This publication summarizes the materials and conclusions of a workshop on Shaping the Future Mobile Information Society held in Seoul, Republic of Korea, with the generous support and collaboration of the Korean Ministry of Information and Communications (MIC), and the International Cooperation Agency for Korea IT. The combination of mobile with Internet and IP-based technologies, and the integration of fixed and mobile technologies, raises a host of possibilities for innovative applications and new modes of interaction. Wireless applications of pervasive or ubiquitous technologies conjure up images of intelligent homes and always-on human monitoring. At the dawn of this new age, it is important to consider what effect these technologies are having on the way we grow, interact, socialize and learn. Topics covered included social and human considerations for a more mobile world, broadband mobile communica-

tions towards a converged world, and mobile phones and youth.

**Edition in E**

ISBN: E: 92-61-10731-1

Article: E: 25126

Paper Price: 65 CHF

Electronic Bookshop

**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. This publication – the eleventh in the New Initiatives series – summarizes the main discussion points and conclusions of a workshop on promoting broadband, 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 was organized by the ITU Strategy and Policy Unit, and examined 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 was why some economies have been more successful than

others and whether this success can be replicated.

#### Edition in E

ISBN: E: 92-61-10361-8

Article: E: 23174

CD-ROM Price: 70 CHF

### The ITU New Initiatives Programme: Creating Trust in Critical Network Infrastructures

2002



This report and CD-ROM package is based on the research conducted for the workshop on Creating trust in critical network infrastructures held in Seoul, Republic of Korea, from 20 to 22 May 2002, as part of the ITU New Initiatives Programme. The workshop examined the need and possible approaches for international cooperation to protect global critical network infrastructures. Issues were discussed both at national and international level from a private and public sector perspective.

#### Edition in E

ISBN: E: 92-61-10081-3

Article: E: 21907

CD-ROM Price: 70 CHF

### The ITU New Initiatives Programme: Competition Policy in Telecommunications

2002



This report and CD-ROM package, the sixth in the New Initiatives Programme series, contains a summary of the input and conclusions, as well as the full body of presentations, background resources, case studies and related materials that were produced, of the workshop held by ITU in November 2002 on the subject of competition policy in telecommunications, bringing together different interested players and experts in the field. On the basis of country case studies, an ITU background paper, presentations and debate, the workshop looked at the relationship between competition law and

telecommunication regulation, and identified a number of key issues.

#### Edition in E

ISBN: E: 92-61-10181-X

Article: E: 22634

CD-ROM Price: 70 CHF

### The ITU New Initiatives Programme: Economic and Regulatory Implications of Broadband

2001



This report and CD-ROM contains the research carried out for a workshop on the Economic and Regulatory Implications of Broadband, held at ITU, in Geneva, 2-4 May 2001, as part of the ITU New Initiatives Programme. The report summarises the issues discussed at the workshop. The CD-ROM contains the 40-page background paper, specially commissioned country case studies of Australia, Italy, Malaysia and South Africa, the background resources gathered during research and the presentations made at the workshop.

The full package provides perhaps the most in-depth study yet carried out into the current state of broadband deployment worldwide, covering both DSL (digital subscriber line) and cable modem technologies and the likely barriers to further growth.

#### Edition in E

ISBN: E: 92-61-09491-0

Article: E: 20538

CD-ROM Price: 70 CHF

### The ITU New Initiatives Programme: Fixed-to-Mobile Interconnection

2001



This CD-ROM contains background resources on the regulatory, economic and policy aspects of interconnection between fixed and mobile networks, including a comprehensive issues paper. The CD-ROM also contains a number of country reports (India, Mexico, China and Hong Kong SAR, Finland) on mobile interconnection, as well as materials from the New Initiatives Workshop held on the subject in September 2000. The accompanying brochure contains a report of the Workshop.

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

#### Edition in E

ISBN: E: 92-61-09651-4

Article: E: 21062

CD-ROM Price: 70 CHF

### 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. 1 – Options for Regulatory Processes and Procedures in Telecommunications

Geneva, February 17-19, 1993

The Report's purpose is to illuminate the alternatives that exist for national telecommunications regulation and to analyse the advantages and disadvantages of these various options. The Regulatory Colloquium itself, and the preparation of the Briefing Report, were funded by the New ITU Association of Japan. The principal authors are Michael Tyler and Susan Bednarczyk. The views expressed are those of the authors alone.

#### Separate editions in E, F, S

Article: E: 3321 F: 4065 S: 4066

pp.: 125 Price: 20 CHF

Online

### Colloquium No. 2 – Universal Service and Innovation: Fostering Linked Goals through Regulatory Policy

Geneva, December 1-3, 1993

This publication reviews the different methods by which government and specifically telecommunications regulators seek to pursue two inter-related goals of communication policy: universal service and rapid innovation. The Report seeks to illuminate the alternatives that exist for national telecommunications regulation and to analyse the advantages and disadvantages of these various options. The Regulatory Colloquium itself, and the preparation of the Briefing Report, were funded by the Friedrich Ebert Foundation of Germany. The principal author is Michael Tyler. The views expressed are those of the author alone.

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

ISBN: E: 92-61-05111-1 F: 92-61-05112-X

S: 92-61-05113-8

Article: E: 4364 F: 4363 S: 4365

A: 6204

pp.: 185 Price: 25 CHF

Online

### Colloquium No. 4 – Interconnection: Regulatory Issues

Geneva, April 19-21, 1995

The Report's purpose is to examine some of the regulatory issues posed by Interconnection. This critical subject is examined not from a technical viewpoint but recognizing that effective interconnection is vital to competition. The Regulatory Colloquium itself, and the preparation of the Briefing Report, were funded by the World Bank. The principal author is Michael Tyler. The views expressed are those of the author alone.

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

ISBN: E: 92-61-05781-0 F: 92-61-05782-9

S: 92-61-05783-7 C: 92-61-05785-3

Article: E: 5772 F: 5771 S: 5773  
C: 7390

pp.: 140 Price: 60 CHF

Online

### Colloquium No. 5 – Trade Agreements on Telecommunications: Regulatory Implications

Geneva, December 6-8, 1995

This Briefing Report concerns the far-reaching implications for the "telecommunications community" (regulators, operators and users) of the Marrakesh Agreement of 1994 that completed the Uruguay Round of international trade negotiations and established the World Trade Organisation (WTO). It also explains in detail the continuing negotiations taking place through the Group on Basic Telecommunications (GBT). The report was prepared by Michael Tyler, Professor William Letwin and Russell Pipe, and funded by the Friedrich Ebert Foundation. The views expressed are those of the authors.

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

ISBN: E: 92-61-06161-3 F: 91-61-06162-1

S: 92-61-06163-X R: 92-61-06164-8

Article: E: 6482 F: 6483 S: 6484  
R: 9589 A: 7092

pp.: 72 Price: 60 CHF

Online

### Colloquium No. 6 – Regulatory Implications of Telecommunications Convergence

Geneva, 11-13 December 1996

This Briefing Report of the Sixth Colloquium assesses the challenges and opportunities confronting regulators that arise from the rapid convergence of telecommunications technologies and markets. Spurred by dramatic technical developments, such as high-speed digital telephony, cable television, wireless technologies, and the Internet, the lines between traditional common carrier telephone ("conduit") services and broadcast-based information and entertainment ("content") services are becoming increasingly blurred. These trends are compelling regulators to re-examine many of the fundamental policies and institutional structures whose goals are to guide telecommunications industry evolution for the benefit of society. The Regulatory Colloquium itself and the preparation of the Briefing Report were funded by the World Bank and the Friedrich Ebert Foundation. The principal author is Mr. David Townsend. The views expressed are those of the author alone.

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

ISBN: E: 92-61-06441-8 F: 92-61-06442-6  
S: 92-61-06443-4 R: 92-61-06444-2

Article: E: 9707 F: 9708 S: 9709  
R: 15461 C: 11911 A: 10520

pp.: 96 Price: 60 CHF

Online

### Colloquium No. 7 – Transforming Economic Relationships in International Telecommunications

Geneva, 3-5 December 1997

This Briefing Report was prepared for the seventh ITU Regulatory Colloquium, held at ITU Headquarters in Geneva on 3-5 December 1997. The topic of the Seventh Colloquium was a detailed examination of the present crisis in the international system by which payments are made between countries for international telecommunications services (known, for short, as the "accounting rate" problem). The Colloquium examined in detail alternatives to the present system as well as means by which the system may be adjusted to reflect current realities.

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

ISBN: E: 92-61-06751-4 F: 92-61-06752-2  
S: 92-61-06753-0 A: 96-61-06756-5

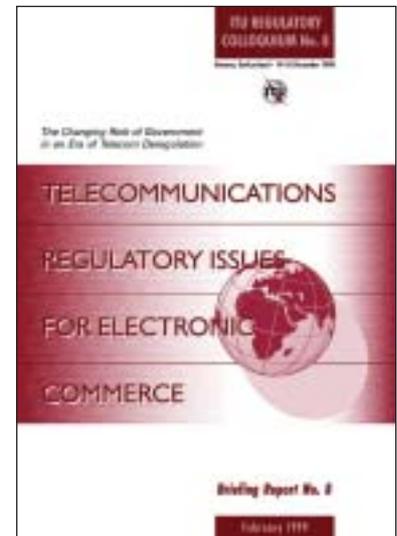
Article: E: 12283 F: 12284 S: 12285  
R: 14112 C: 14120 A: 12667

pp.: 160 Price: 60 CHF

Online

### 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, A

ISBN: E: 92-61-08051-0 F: 92-61-08052-9  
S: 92-61-08053-7 A: 92-61-08056-1

Article: E: 15650 F: 15658 S: 15659  
A: 17487

pp.: 60 Price: 50 CHF

Electronic Bookshop

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

## 1.3 OTHER GENERAL SECRETARIAT PUBLICATIONS

**<NEW>****ITU Global Directory on CD-ROM**

19th edition, 2004 – 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: 24615

CD-ROM Price: 150 CHF

**<FORTHCOMING>****ITU Global Directory on CD-ROM**

19th edition, 2004 – Edition 10.2004

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: 92-61-10637-4

Article: 24616

CD-ROM Price: 75 CHF

**Multilingual edition in E, F, S**

ISBN: 92-61-09567-4

Article: 20904

pp.: 578 Price: 45 CHF

Electronic Bookshop

**<NEW>****ITU Global Directory – Electronic Bookshop**

19th edition, 2004

Weekly update – One-time download

**Multilingual edition in E, F, S**

Electronic Bookshop Price: 75 CHF

**<NEW>****ITU Global Directory online**

19th edition, 2004 – Yearly Subscription Service

**Multilingual edition in E, F, S**

Online Price: 200 CHF

**ITU Global Directory on CD-ROM**

19th edition, 2004 – Edition 03.2004



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**

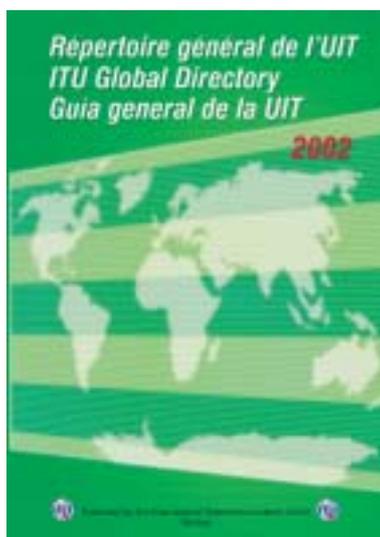
ISBN: 92-61-10627-7

Article: 24336

CD-ROM Price: 75 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.

**ITU Global Directory – Electronic Bookshop**

18th edition, 2003 – 08.2003

**Multilingual edition in E, F, S**

pp.: 569

Electronic Bookshop

**The ITU Membership Brochure**

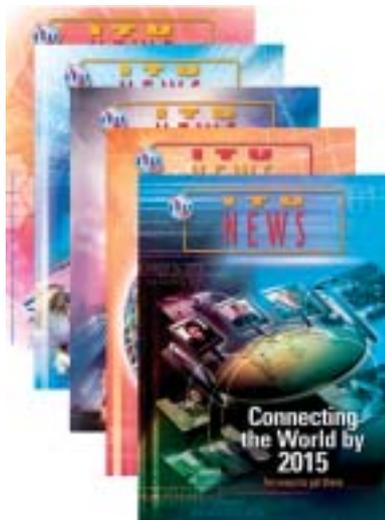
January 2004 – Free of charge



Join ITU and make a difference!

**Separate editions in E, F, S**

pp.: 16

**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	Price: 100 CHF
Online	

**◀FORTHCOMING▶****ITU: Helping the world communicate**

February 2004 – Free of charge

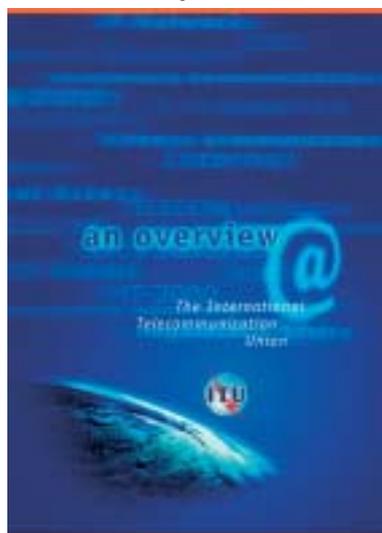
What is ITU, what does it do, how does it work?

**Separate editions in E, F, S**

Paper	
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**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 ITU's Telecom Information Exchange Services (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). A small number 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) came into being in the International Telecommunication Union (ITU) in 1978, initially to satisfy the in-house translation requirements. This terminology base very rapidly became an essential tool for all technicians, engineers, translators and administrators involved in telecommunications. TERMITE now covers not only technical telecommunication vocabulary but also the administrative and financial vocabulary relating to ITU's structure and operations. Incorporating as it does all previous lexicons and glossaries as well as many new entries and updates, TERMITE now comprises over 59 000 entries.

**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 in the language of the index, and accompanied by the location number of the entry in the main volumes (article 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**

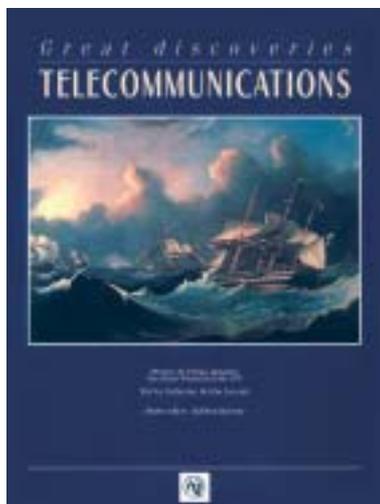
ISBN: E: 09-53-29054-9 F: 09-53-29056-5  
S: 09-53-29058-1

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

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

**1.4 ITU TELECOM PUBLICATIONS**

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

**ITU TELECOM AFRICA – Exhibition  
Catalogue**

2004



Edition in E

pp.: 174

**◀FORTHCOMING▶****ITU TELECOM AFRICA: Forum  
Proceedings and Who's Who**

2004

This CD-ROM contains the Forum Proceedings, presentations, authors' biographies and summaries submitted during the event. They are organized by Domain and Session, by Speaker, by Country and by Organization. The collection is converted to Adobe Acrobat™ Portable Document Format (PDF). It is fully indexed and searchable with the Adobe Acrobat with Search for CD-ROM retrieval software provided with the products. Acrobat PDF files can be used on Windows 9x, 2000, Windows Me, NT and XP.

**Multilingual edition in E, F, S**

ISBN: 92-61-10857-1

CD-ROM

**◀FORTHCOMING▶****ITU TELECOM AFRICA: Forum  
Proceedings and Who's Who**

2004

Individual presentations

**Multilingual edition in E, F, S**

Electronic Bookshop

**ITU TELECOM WORLD – Exhibition Catalogue**

2003



The ITU TELECOM WORLD 2003 Official Exhibition Catalogue is the most frequently consulted reference work for the Event. While not exhaustive, it includes profiles and company headquarters contact details from over 85% of our Exhibitors, together with products and services listings and five other indexes.

Mandatory shipping costs: CHF 25.– per copy

**Edition in E**

ISBN: E: 92-61-10601-3

Article: E: 24504

pp.: 436

Price: 50 CHF

Electronic Bookshop

**ITU TELECOM WORLD: Forum Proceedings and Who's Who**

2003



This CD-ROM contains the Forum Proceedings, presentations, authors' biogra-

phies and summaries submitted during the event. They are organized by Domain and Session, by Speaker, by Country and by Organization. The collection is converted to Adobe Acrobat™ Portable Document Format (PDF). It is fully indexed and searchable with the Adobe Acrobat with Search for CD-ROM retrieval software provided with the products. Acrobat PDF files can be used on Windows 9x, 2000, Windows Me, NT and XP.

**Multilingual edition in E, F, S**

ISBN: 92-61-10597-1

Article: 24511

CD-ROM

Price: 250 CHF

**<NEW>****ITU TELECOM WORLD: Forum Proceedings and Who's Who**

2003

Individual presentations

**Multilingual edition in E, F, S**

pp.: 2542

Electronic Bookshop

**ITU TELECOM ASIA: Exhibition Catalogue**

2002

**Edition in E**

ISBN: E: 92-61-10771-0

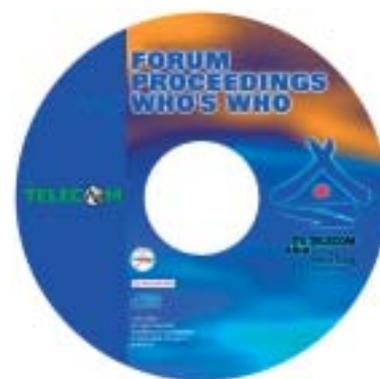
Article: E: 25279

Paper

Price: 50 CHF

**ITU TELECOM ASIA: Forum Proceedings and Who's Who**

2002



Individual presentations

**Multilingual edition in E, F, S**

ISBN: 92-61-10811-3

Article: 25287

CD-ROM

Price: 200 CHF

**ITU TELECOM ASIA: Forum Proceedings and Who's Who**

2002

Individual presentations

**Multilingual edition in E, F, S**

pp.: 721

Electronic Bookshop

**ITU TELECOM AFRICA: Exhibition Catalogue**

2001

**Edition in E**

ISBN: E: 92-61-10781-8

Article: E: 25280

Paper

Price: 50 CHF

**ITU TELECOM AFRICA: Forum Proceedings and Who's Who**

2001



Individual presentations

**Edition in E**

ISBN: E: 92-61-10801-6

Article: E: 25286

**Electronic Bookshop** Price: 200 CHF

CD-ROM

**ITU TELECOM AMERICAS: Forum Proceedings and Who's Who**

2000

**Edition in E**

ISBN: E: 92-61-10791-5

Article: E: 25284

**CD-ROM** Price: 200 CHF**ITU TELECOM ASIA 2000: Forum Proceedings and Who's Who**

2000

Individual presentations

**Edition in E****Electronic Bookshop** Price: 200 CHF

CD-ROM

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

1999

Individual presentations

**Edition in E****Electronic Bookshop** Price: 20 CHF**ITU TELECOM AMERICAS: Exhibition Catalogue**

2000

**Edition in E**

ISBN: E: 92-61-10761-3

Article: E: 25278

**Paper** Price: 50 CHF**ITU TELECOM AMERICAS: Forum Proceedings and Who's Who**

2000

Individual presentations

**Separate editions in E, F, S**

pp.: 564

Online

Electronic Bookshop

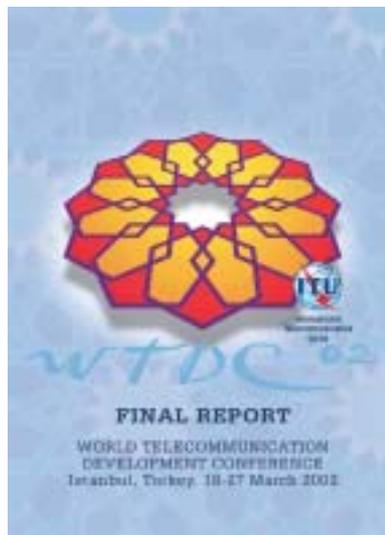


Helping the world communicate

## 2.1 PUBLICATIONS ON WORLD AND REGIONAL TELECOMMUNICATION DEVELOPMENT CONFERENCES

### World Telecommunication Development Conference (WTDC-02): 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
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Electronic Bookshop

### World Telecommunication Development Conference (WTDC-02): 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
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Article:	21981
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CD-ROM	Price: 50 CHF
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### African Regional Telecommunication Development Conference (AF-RTDC-96): Volume I

Abidjan, 1996

Final Report

#### Separate editions in E, F

Article:	E: 7225	F: 7226
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pp.: 150	Price: 50 CHF
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### 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
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pp.: 96	Price: 28 CHF
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ITU Publications are available in English, French and Spanish, many of which exist in Arabic, Chinese, and Russian, as well

## 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 potential to support interactive multimedia services in rural and remote areas.

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

ISBN: E: 92-61-09091-5 F: 92-61-09092-3  
S: 92-61-09093-1 R: 92-61-09094-X  
A: 92-61-09096-6

Article: E: 18697 F: 18698 S: 18699  
R: 21465 A: 23649

pp.: 112 Price: 64 CHF

Electronic Bookshop

### 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

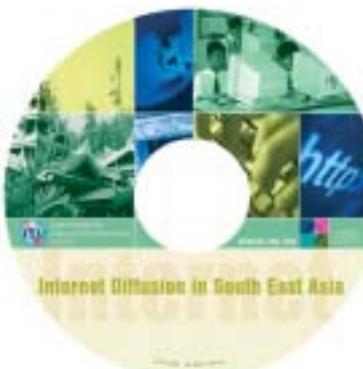
ISBN: 92-61-09117-2

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

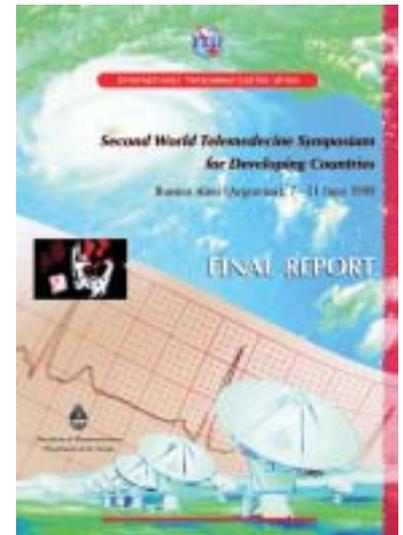
ISBN: E: 92-61-09931-9

Article: E: 21394

CD-ROM Price: 50 CHF

### Second World Telemedicine Symposium for Developing Countries – Final Report

Buenos Aires (Argentina),  
7-11 June 1999



The report contains full information on the various telemedicine applications being implemented in the developing countries, as well as participants' conclusions and 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 F: 92-61-08182-7  
S: 92-61-08183-5

Article: E: 16232 F: 16168 S: 16233

pp.: 340 Price: 80 CHF

Electronic Bookshop

### First World Telemedicine Symposium for Developing Countries

Cascais (Portugal),  
30.06.97-04.07.97  
Final Report

#### Multilingual edition in E, F

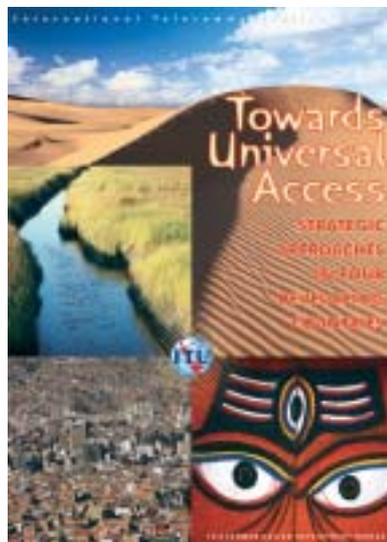
ISBN: 92-61-06697-6

Article: 11625

pp.: 98 Price: 38 CHF

### 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 Memorandum of Understanding between CIDA and ITU. Bolivia, Burkina Faso, Malawi and Nepal participated in the project.

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

ISBN:	E: 92-61-09891-6	F: 92-61-09892-4
	S: 92-61-09893-2	R: 92-61-09894-0

Article:	E: 21327	F: 21328	S: 21329
	R: 23160		

pp.: 44 Price: 28 CHF

Electronic Bookshop

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

## 2.3 ITU-D PUBLICATIONS RELATED TO TELECOMMUNICATION POLICIES

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

2004 – Free of charge

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.

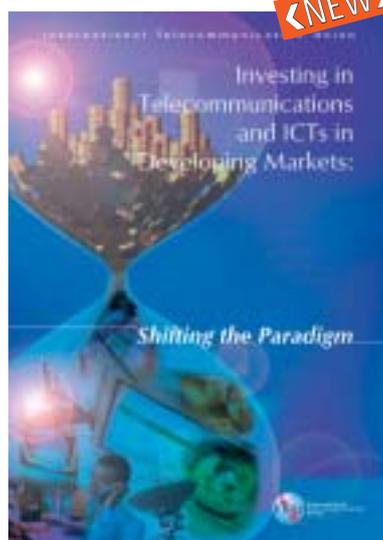
This system, which is available on the ITU website (<http://www.itu.int/ITU-D/OPERITU/>), allows search by region/country or by selecting predefined criteria. It is updated on a regular basis.

#### Separate editions in E, F, S

Online

### Investing in Telecommunications and ICTs in Developing Markets: Shifting the Paradigm

2003



Telecommunications and ICTs have become a key infrastructure necessary for human development. As the sector has transformed into one driven by commercial interest, one question begs to be answered: what actions can be taken to stimulate private investment in the sector, particularly in countries and regions where the opportunities are less obvious?

This report provides insight into answers to this question by analysing trends, examining risk factors facing potential investors and by identifying specific investment opportunities in developing markets. Finally, the report makes specific recommendations to the various stakeholders on actions that can be taken to 'shift the paradigm' so that investment will be attracted to those markets most in need.

#### Separate editions in E, F, S

ISBN:	E: 92-61-10611-0	F: 92-61-10612-9
	S: 92-61-10613-7	

Article:	E: 24629	F: 24630	S: 24631
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pp.: 204 Price: 90 CHF

Electronic Bookshop

### 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, R, C, A

ISBN: E: 92-61-07361-1 F: 92-61-07362-X  
S: 92-61-07363-8 R: 92-61-07364-6  
A: 92-61-07366-2

Article: E: 13128 F: 13194 S: 13195  
R: 20787 A: 16746

pp.: 496 Price: 80 CHF

Electronic Bookshop

### 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 ITU, the Telecommunication Development Bureau has taken on the responsibility of assisting countries as they restructure their telecommunication 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: 100 CHF

Electronic Bookshop

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

### 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

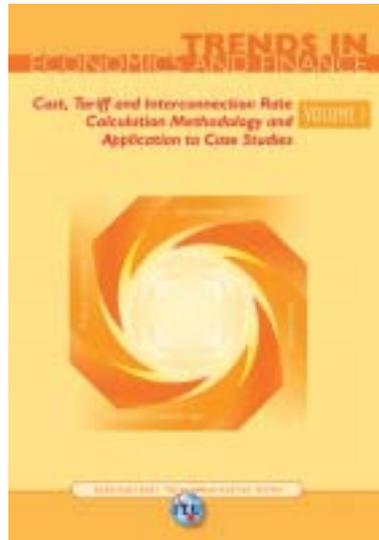
Article: E: 16854 F: 16855 S: 16856

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

### COSITU Version 1.0 SP1 – Software for the Calculation of Costs, Tariffs and Rates for Telephone Services

July 2003



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 Market, Economics and Finance 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

ISBN: 92-61-10417-7

Article: E/F: 23686 E/S: 21961

CD-ROM Price: 400 CHF

### 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 access/service. 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 access/service projects, public access strategies including telecentres, and how regulators can foster entrepreneurial solutions to rural access. The report is structured into eight chapters.

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

ISBN: E: 92-61-10381-2 F: 92-61-10382-0  
S: 92-61-10383-9 R: 92-61-10384-7

Article: E: 23365 F: 23366 S: 23367  
R: 25523

pp.: 264 Price: 90 CHF

Electronic Bookshop

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

5th edition, 2003



The texts are available in Adobe Acrobat PDF format.

#### Multilingual edition in E, F, S

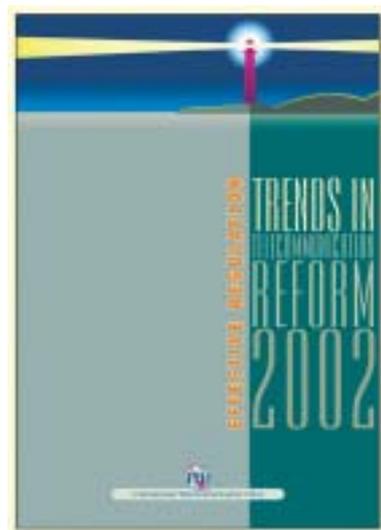
ISBN: 92-61-10587-4

Article: 24497

CD-ROM Price: 90 CHF

### 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

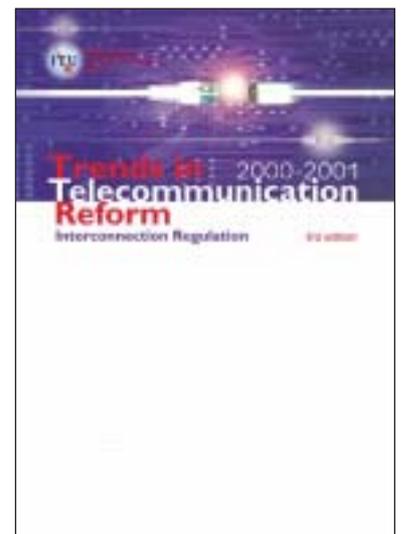
Article: E: 21116 F: 21117 S: 21118  
R: 22443

pp.: 296 Price: 90 CHF

Electronic Bookshop

### 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, C, A**

ISBN: E: 92-61-08651-9 F: 92-61-08652-7  
S: 92-61-08653-5 R: 92-61-08654-3  
C: 92-61-08655-1 A: 92-61-08656-X

Article: E: 18313 F: 18314 S: 18315  
R: 22812 A: 21109

pp.: 256 Price: 90 CHF

Electronic Bookshop

**Trends in Telecommunication Reform "Convergence and Regulation"**

2nd edition, 1999



The second edition of Trends in Telecommunication Reform focuses on the regulation of multimedia services. The report examines eight themes: Institutional Framework, Ownership, Liberalization, Licensing, Universal access, Interconnection, Price regulation and Numbering. Each chapter addresses overall reforms on that subject and looks, in particular, at Internet and other convergence-related issues.

English: Out of print.

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

ISBN: E: 92-61-08141-X F: 92-61-08142-8  
S: 92-61-08143-6 R: 92-61-08144-4  
C: 92-61-08145-2

Article: E: 15867 F: 15868 S: 15869  
C: 22683

pp.: 262 Price: 75 CHF

Electronic Bookshop

**Trends in Telecommunication Reform: Country Profiles**

2000



This CD-ROM provides key regulatory information for each ITU Member State (up to 2000). The information is accessible by country and by region. This interactive tool contains 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**

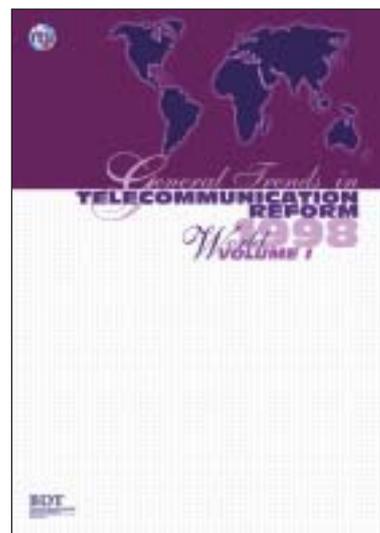
ISBN: 92-61-08147-9

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

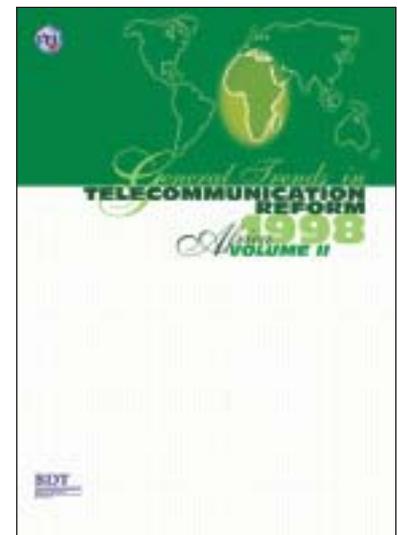
Article: E: 13046 F: 13047 S: 13048  
C: 17625

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

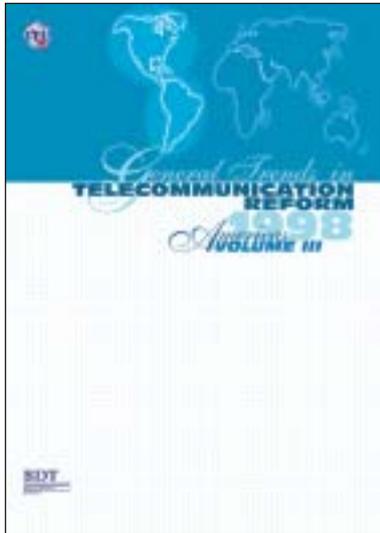
Article: E: 13049 F: 13050 S: 13051

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

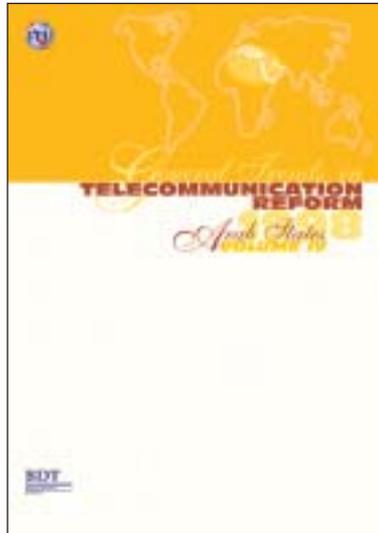
Article: E: 13052 F: 13053 S: 13054

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

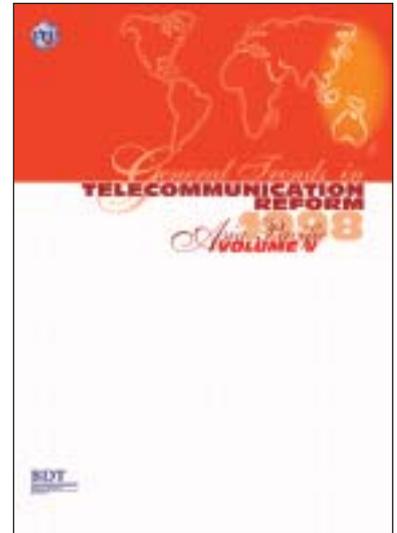
Article: E: 13055 F: 13056 S: 13057

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

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

### 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 C: 92-61-06835-9

Article: E: 13061 F: 13062 S: 13063  
C: 24547

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.

Special discount of 20% for the entire package: Volumes I-VI or Volumes II-VI (paper format only).

Article: E: 13064 Vol. I - VI Price: 372 CHF

Article: E: 13067 Vol. II - VI Price: 297 CHF

#### Separate editions in E, F, S

Paper

Electronic Bookshop

### Telecommunication Policies on CD-ROM

1999

This CD-ROM is based on the Report on Question 2/1 of the Study Group 1 – "Telecommunication policies and their repercussions at the level of institutional, regulatory and operational aspects of services". The CD-ROM 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

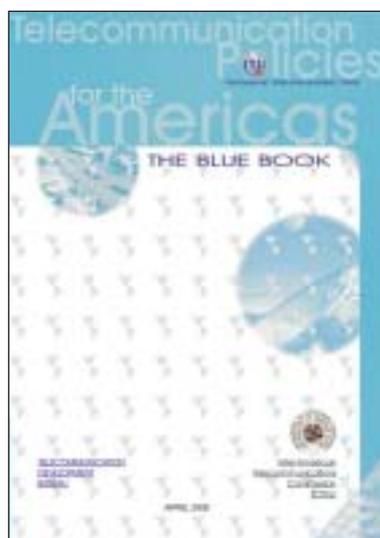
ISBN: E: 92-61-07911-3

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

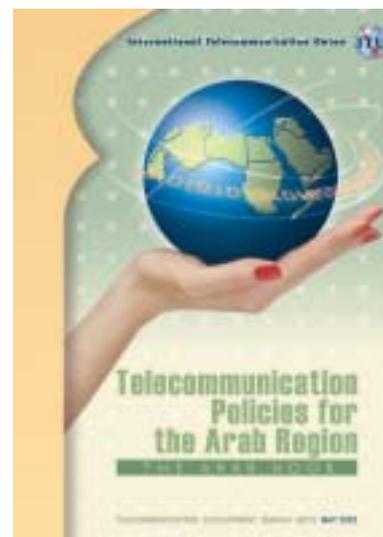
Article: E: 17134 S: 17135 R: 20748

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 countries 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).

#### Separate editions in E, F

ISBN: E: 92-61-06321-7 F: 92-61-06322-5

Article: E: 7215 F: 7216

pp.: 160 Price: 60 CHF

## 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

7th edition, 2004



Prepared for ITU TELECOM AFRICA 2004, 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 1998-2002, and a directory with names of telecommunication ministries, regulators and operators in the region.

#### Separate editions in E, F

ISBN: E: 92-61-10831-8 F: 92-61-10832-6

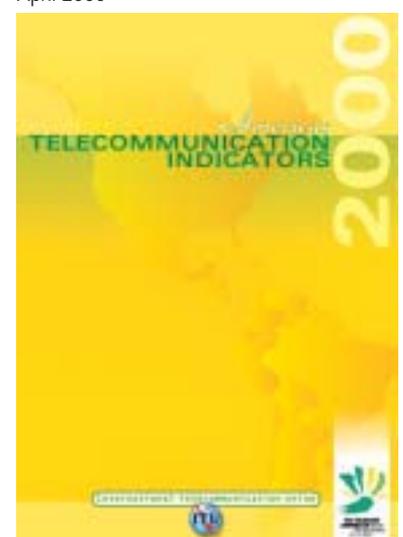
Article: E: 25345 F: 25383

pp.: 142 Price: 38 CHF

Electronic Bookshop

#### Americas Telecommunication indicators

April 2000



The report was 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, C

ISBN: E: 92-61-08331-5 S: 92-61-08333-1  
C: 92-61-08335-8

Article: E: 16842 S: 16843 C: 23754

pp.: 126 Price: 44 CHF

Electronic Bookshop

#### Asia-Pacific Telecommunication Indicators

5th edition, 2002



The fifth edition of ITU's Asia-Pacific Telecommunication Indicators was prepared especially for ITU TELECOM ASIA 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.

#### Separate editions in E, R

ISBN: E: 92-61-10171-2 R: 92-61-10174-7

Article: E: 22530 R: 25344

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 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: 92-61-06387-X

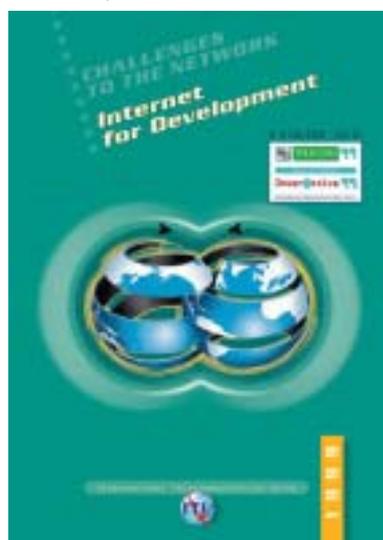
Article: 7229

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. This version was prepared and updated specially for the TELECOM Interactive 99 event, held in Geneva during October 1999.

#### Separate editions in E, R, C, A

ISBN: E: 92-61-08221-1 R: 92-61-08224-6  
C: 92-61-08225-4 A: 92-61-08226-2

Article: E: 16212 R: 22684 C: 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 telecommunication 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

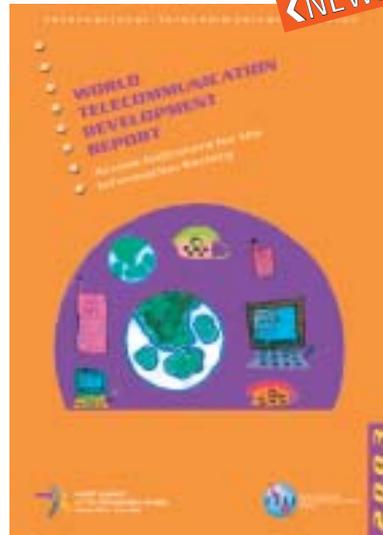
pp.: 94

Price: 50 CHF

Electronic Bookshop

**World Telecommunication Development Report: Access indicators for the Information Society**

7th edition, 2003



This is the seventh edition of ITU's report on telecommunication trends. This edition has as its theme "Access Indicators for the Information Society", and was specially prepared for the first phase of the World Summit on the Information Society, December 2003. In addition to analysis, the latest telecommunication indicators for some 180 economies worldwide are provided.

**Separate editions in E, F, S**ISBN: E: 92-61-10541-6 F: 92-61-10542-4  
S: 92-61-10543-2

Article: E: 24174 F: 24175 S: 24176

pp.: 260

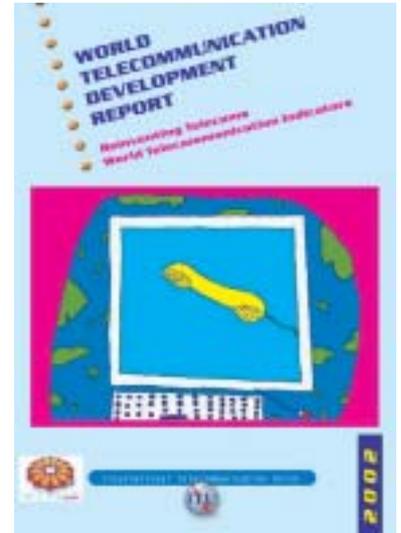
Price: 100 CHF

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 was 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, R, A**ISBN: E: 92-61-09831-2 F: 92-61-09832-0  
S: 92-61-09833-9 R: 92-61-09834-7  
A: 92-61-09836-3Article: E: 21002 F: 21003 S: 21004  
R: 22814 A: 24760

pp.: 186

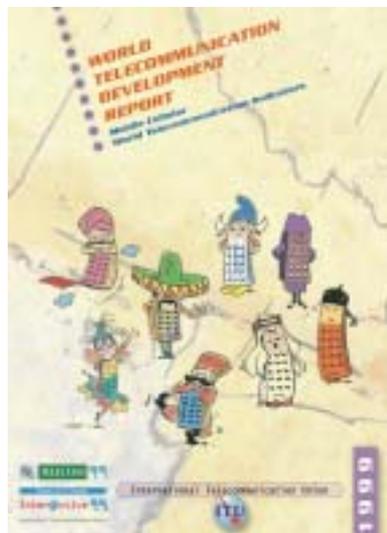
Price: 100 CHF

Electronic Bookshop

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

### World Telecommunication Development Report: Mobile cellular

5th edition, 1999



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

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

ISBN: E: 92-61-08161-4 F: 92-61-08162-2  
S: 92-61-08163-0 C: 92-61-08165-7  
A: 92-61-08166-5

Article: E: 16125 F: 16126 S: 16127  
C: 17626 A: 17485

pp.: 208 Price: 100 CHF

Electronic Bookshop

### World Telecommunication Development Report: Universal Access

4th edition, 1998

The fourth edition of ITU's annual report on telecommunication trends. This edition has as its theme universal access. The report was specially prepared for the World Telecommunication Development Conference in March 1998. The World Telecommunication Indicators are also included.

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

ISBN: E: 92-61-07111-2 F: 92-61-07112-0  
S: 92-61-07113-9 C: 92-61-07115-5  
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 third 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 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).

English: Out of print

#### 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 1975-2002 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.

#### Edition in E

ISBN: E: 92-61-10371-5

Article: E: 23269

Electronic Bookshop Price: 200 CHF

CD-ROM

◀NEW▶

### World Telecommunication Indicators Database online

7th edition, 2003 – Yearly Subscription Service

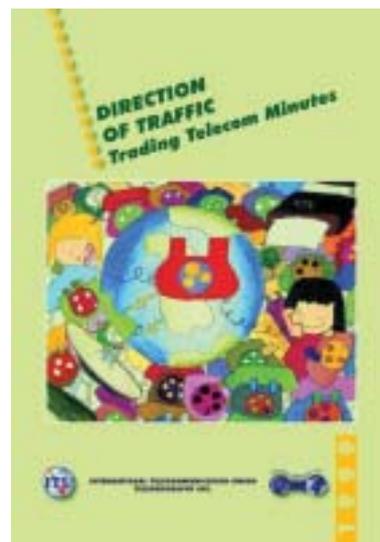
Yearly subscription via Internet.

#### Edition in E

Online Price: 750 CHF

### Direction of Traffic: Trading Telecom Minutes

3rd edition, 1999



The third edition of the authoritative ITU/TeleGeography Inc. "Direction of Traffic" publication focuses on the transition in international telecommunication 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 telecommunication environment will have on developing countries.

#### Separate editions in E, R, A

ISBN: E: 92-61-08041-3 R: 92-61-08044-8  
A: 92-61-08046-4

Article: E: 15630 R: 20987 A: 20661

pp.: 330 Price: 300 CHF

Electronic Bookshop

**Direction of Traffic: Trading Telecom Minutes**

3rd edition, 1999



This 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 only).

**Edition in E**

ISBN: E: 92-61-08171-1

Article: E: 15631

**CD-ROM Price: 500 CHF****◀FORTHCOMING▶****ITU Yearbook of Statistics – Telecommunication Services 1993-2002**

30th edition, 2004

The publication of statistical indicators relating to the development of telecommunications worldwide is one of the primary functions of ITU. The 1993-2002 edition of the ITU Yearbook of Statistics (previously referred to as the "Yearbook of Public Telecommunication Statistics" or the "ITU Statistical Yearbook") is the 30th edition.

**Edition in E**

ISBN: E: 92-61-10701-X

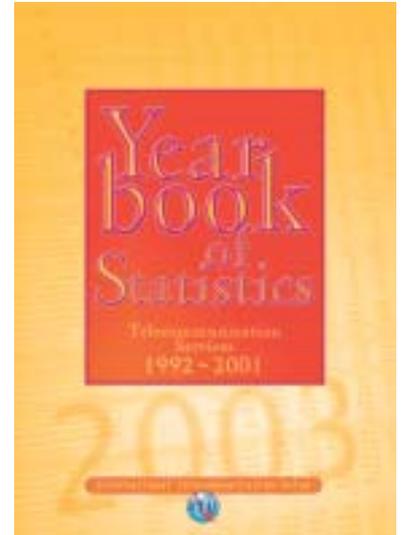
Article: E: 25137

**Paper Price: 65 CHF**

Electronic Bookshop

**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") is 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).

Complete collection.

**Separate editions in E, F, S**

Article: E: 19174 F: 19175 S: 19176

**Paper Price: 589 CHF****ITU-D Reports on Questions and Recommendations – Study Groups 1 and 2**

2002 – (SG1 / SG2)

Complete collection.

**Separate editions in E, F, S****Electronic Bookshop Price: 400 CHF****ITU-D Reports on Questions and Recommendations – Study Groups 1 and 2**

1998 – (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).

Complete collection.

**Separate editions in E, F, S**

Article: E: 13140 F: 13139 S: 13141

**Paper Price: 710 CHF**

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

1998 – (SG1 / SG2)  
Complete collection.

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Electronic Bookshop Price: 400 CHF

### ITU-D Questions – Recommendations

1998 – (SG1 / SG2)

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

Separate editions in E, F, S

ISBN: E: 92-61-07352-2 F: 92-61-07351-4  
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)

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

Separate editions in E, F, S

Paper

Online

Electronic Bookshop

### ITU-D Question 1/1 – Role of Telecommunications in Economic, Social and Cultural Development

1998 – (SG1) Final Report



Separate editions in E, F, S, A

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

pp.: 50 Price: 29 CHF

Online

Electronic Bookshop

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

1998 – (SG2) Final Report



Separate editions in E, F, S, A

ISBN: E: 92-61-07341-7 F: 92-61-07342-5  
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 A: 92-61-07226-7

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

pp.: 67 Price: 42 CHF

Online

Electronic Bookshop

### 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, A

ISBN: E: 92-61-07261-5 F: 92-61-07262-3  
S: 92-61-07263-1 A: 92-61-07266-6

Article: E: 13147 F: 13161 S: 13176  
A: 19205

pp.: 84 Price: 38 CHF

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Electronic Bookshop

Visit our Bookshop in Geneva  
(ITU Tower Building) – Open from  
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and 13:30 to 17:00

### 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, A

ISBN: E: 92-61-08131-2 F: 92-61-08132-0  
S: 92-61-08133-9 A: 92-61-08136-3

Article: E: 13409 F: 13410 S: 13411  
A: 19206

pp.: 60 Price: 46 CHF

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Electronic Bookshop

### 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



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

ISBN: E: 92-61-07231-3 F: 92-61-07232-1  
S: 92-61-07233-X A: 92-61-07236-4

Article: E: 13143 F: 13157 S: 13172  
A: 16050

pp.: 102 Price: 57 CHF

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Electronic Bookshop

### 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

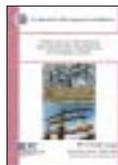
pp.: 32 Price: 18 CHF

Online

Electronic Bookshop

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

1998 – (SG1) Interim Report



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

ISBN: E: 92-61-07241-0 F: 92-61-07242-9  
S: 92-61-07243-7 A: 92-61-07246-1

Article: E: 13144 F: 13158 S: 13173  
A: 19207

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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

ISBN: E: 92-61-07296-8 F: 92-61-07292-5  
S: 92-61-07293-3 A: 92-61-07296-8

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

pp.: 54 Price: 34 CHF

Online

Electronic Bookshop

### 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 Price: 18 CHF

Online

Electronic Bookshop

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

1998 – (SG2) Final Report



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

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

Online

Electronic Bookshop

### 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

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sible 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 7/1 – Universal access/service

2002 – Final Report



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

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

ISBN: E: 92-61-09221-7 F: 92-61-09222-5  
S: 92-61-09223-3 R: 92-61-09224-1  
A: 92-61-09226-8

Article: E: 19139 F: 19140 S: 19141  
R: 23489

pp.: 130 Price: 56 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 – 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, R

ISBN: E: 92-61-09241-1 F: 92-61-09242-X  
S: 92-61-09243-8 R: 92-61-09244-6

Article: E: 19145 F: 19146 S: 19147  
R: 20750

pp.: 44 Price: 14 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, pos-

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

2001



This recommendation invites 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, R, A

ISBN: E: 92-61-09231-4 F: 92-61-09232-2  
S: 92-61-09233-0 R: 92-61-09234-9  
A: 92-61-09236-5

Article: E: 19142 F: 19143 S: 19144  
R: 20749

pp.: 8 Price: 11 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, R, A

ISBN: E: 92-61-09251-9 F: 92-61-09252-7  
S: 92-61-09253-5 R: 92-61-09254-3  
A: 92-61-09256-X

Article: E: 19148 F: 19149 S: 19150  
R: 20751 A: 20657

pp.: 84 Price: 38 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, R

ISBN: E: 92-61-09271-3 F: 92-61-09272-1  
S: 92-61-09273-X R: 92-61-09274-8

Article: E: 19154 F: 19155 S: 19160  
R: 24444

pp.: 146 Price: 98 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, R, A

ISBN: E: 92-61-09871-1 F: 92-61-09872-X  
S: 92-61-09873-8 R: 92-61-09274-8  
A: 92-61-09276-4

Article: E: 21434 F: 21435 S: 21436  
A: 21111

pp.: 90 Price: 45 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, R, A

ISBN: E: 92-61-09261-6 F: 92-61-09262-4  
S: 92-61-09263-2 R: 92-61-09264-0  
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 new technologies and new services

#### Fascicle 1: New technologies supporting new networks

2002 – Report



The objective of Fascicle 1 is to offer 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, synchronization techniques, digital transmission methods including those for the access network, and ATM technology.

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

ISBN: E: 92-61-09281-0 F: 92-61-09282-9  
S: 92-61-09283-7 R: 92-61-09284-5

Article: E: 19161 F: 19163 S: 19164  
R: 24440

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 telecommunication environment by presenting the general characteristics and capabilities that various

networks and services offer 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, R

ISBN: E: 92-61-09291-8 F: 92-61-09292-6  
S: 92-61-09293-4 R: 92-61-09294-2

Article: E: 19165 F: 19167 S: 19169  
R: 24443

pp.: 304 Price: 144 CHF

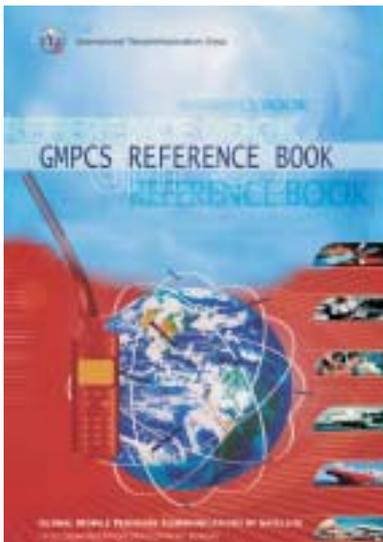
Online

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, C, A

ISBN: E: 92-61-08311-0 F: 92-61-08312-9  
S: 92-61-08313-7 R: 92-61-08314-5  
C: 92-61-08315-3 A: 92-61-08316-1

Article: E: 16857 F: 16858 S: 16859  
A: 21114

pp.: 388 Price: 48 CHF

Electronic Bookshop

### Manual on Mobile Communications Development

1997

Under the Buenos Aires Action Plan, BDT 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 criterion.

#### 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

### 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.

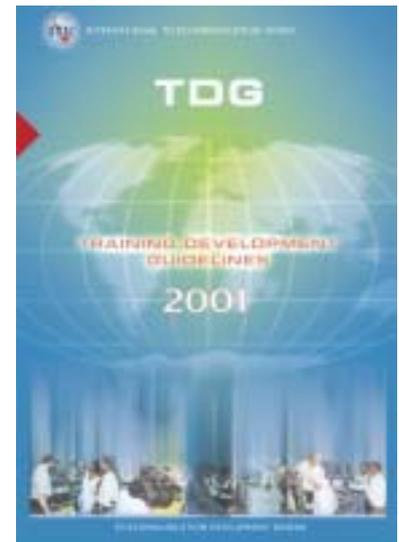
#### Separate editions in E, F, S, A

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 each 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

Electronic Bookshop

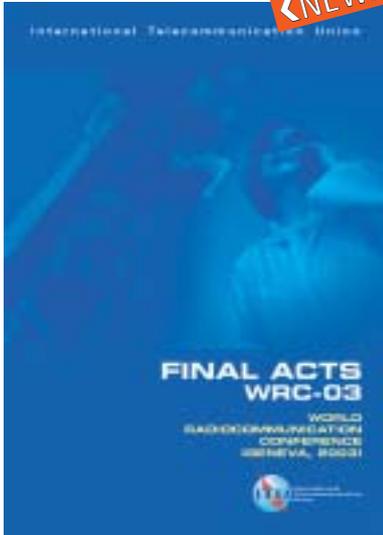


# 3. PUBLICATIONS OF THE ITU-R SECTOR (RADIOCOMMUNICATIONS)

## 3.1 FINAL ACTS

### Final Acts of the World Radiocommunication Conference (WRC-2003)

Geneva, 2003



The Final Acts record the decisions taken at the World Radiocommunication Conference, 2003 (WRC-03). 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: 92-61-10561-0	F: 92-61-10562-9
	S: 92-61-10563-7	R: 92-61-10564-5
	C: 92-61-10565-3	A: 92-61-10566-1

Article:	E: 24404	F: 24405	S: 24406
	R: 25106	C: 25108	A: 25107

pp.: 698 Price: 120 CHF

Electronic Bookshop

### Final Acts of the World Radiocommunication Conference (WRC-2003)

Geneva, 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

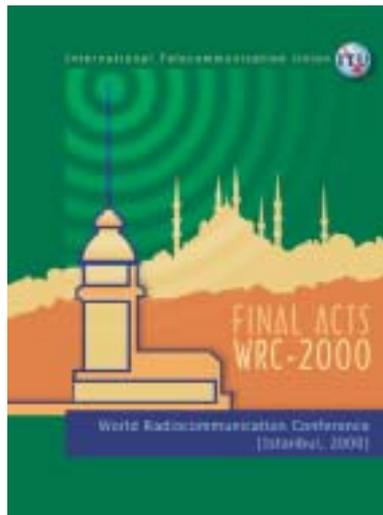
ISBN: 92-61-10577-7

Article: 24407

CD-ROM Price: 120 CHF

### 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, A

ISBN:	E: 92-61-08571-7	F: 92-61-08572-5
	S: 92-61-08573-3	R: 92-61-08574-1
	A: 92-61-08576-8	

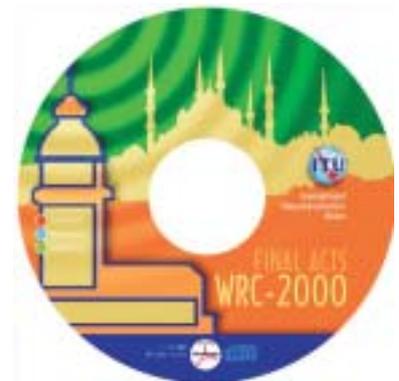
Article:	E: 17909	F: 17910	S: 17911
	R: 20033	A: 23647	

pp.: 676 Price: 120 CHF

Electronic Bookshop

### 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
	C: 92-61-07125-2	A: 92-61-07126-0

Article:	E: 12538	F: 12539	S: 12540
	R: 12868	C: 13230	A: 13395

pp.: 755 Price: 120 CHF

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

## 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 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
	A: 2268	S: 2267

pp.: 128 Price: 38 CHF  
Electronic Bookshop

## 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.

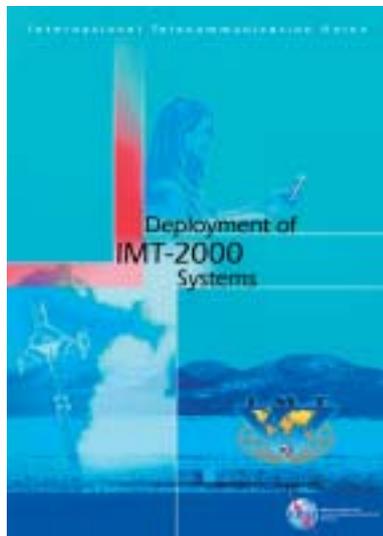
### Separate editions in E, F, S, R, C, A

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
	R: 9561	C: 12021
		S: 6817
		A: 9649
pp.:	650	Price: 120 CHF

## 3.2 REGULATORY PUBLICATIONS (INCLUDING SERVICE DOCUMENTS)

### Deployment of IMT-2000 Systems

1st edition, 2003



This handbook addresses a variety of issues related to the deployment of IMT-2000 systems, to inform and guide key decision-makers on critical aspects concerning third-generation mobile communication systems, to facilitate decisions on the selection of options and strategies for the introduction of their IMT-2000 networks.

### Separate editions in E, F, S

ISBN:	E: 92-61-10401-0	F: 92-61-10402-9
	S: 92-61-10403-7	
Article:	E: 23893	F: 23895
		S: 23896

pp.: 212 Price: 100 CHF  
Electronic Bookshop

## ◀FORTHCOMING▶

### Deployment of IMT-2000 Systems

1st edition, 2003

The texts are available in Adobe Acrobat PDF format.

### Multilingual edition in E, F, S

ISBN:	92-61-10437-1
Article:	23894
CD-ROM	Price: 100 CHF

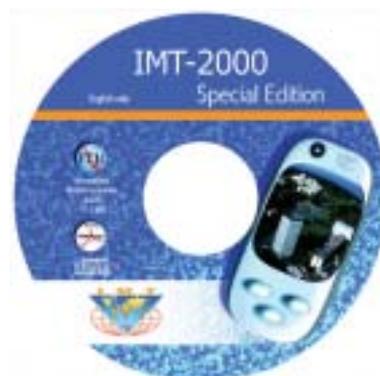
network standards development and also to all those interested in a deeper understanding of the global scene of personal mobile communications. It contains a complete set of ITU texts on IMT-2000 and other related topics and includes Recommendation ITU-R M.1457 which describes the detailed specifications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

### Edition in E

ISBN:	E: 92-61-08631-4
Article:	E: 18124
CD-ROM	Price: 50 CHF

### IMT-2000: Special Edition

2000



This CD-ROM is of particular interest to experts involved in IMT-2000 radio and

### Radio Regulations – Volumes 1, 2, 3 and 4

2004 edition – A4 format



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

The Radio Regulations, edition of 2004, 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), the World Radiocommunication Conference (Istanbul, 2000) (WRC-2000) and the World Radiocommunication Conference (Geneva, 2003) (WRC-03), including all Appendices, Resolutions, Recommendations and ITU-R Recommendations incorporated by reference.

#### Separate editions in E, F, S

ISBN: E: 92-61-10661-7 F: 92-61-10662-5  
S: 92-61-10663-3

Article: E: 25144 F: 25145 S: 25146

Paper Price: 252 CHF

Electronic Bookshop

#### Radio Regulations – Volumes 1, 2, 3 and 4

2004 edition – A5 format



#### Separate editions in E, F, S

ISBN: E: 92-61-10671-4 F: 92-61-10672-2  
S: 92-61-10673-0

Article: E: 25148 F: 25149 S: 25150

Paper Price: 252 CHF

Electronic Bookshop

#### ◀FORTHCOMING▶

#### Radio Regulations – Volumes 1, 2, 3 and 4

2004 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: 92-61-10687-0

Article: 25151

CD-ROM Price: 252 CHF

#### 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

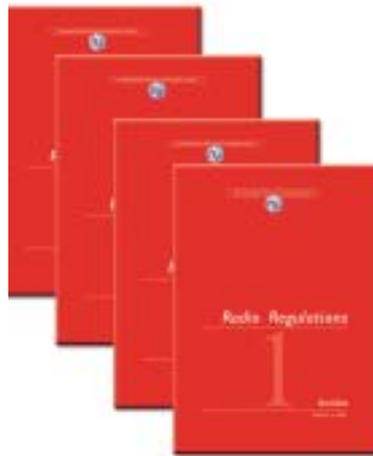
Article: E: 19842 F: 19843 S: 19844

pp.: 2090 Price: 240 CHF

Electronic Bookshop

#### Radio Regulations – Volumes 1, 2, 3 and 4

2001 edition – 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 (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 – 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

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

#### 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

#### Rules of Procedure – Online subscription

2002 edition, Geneva, 2002

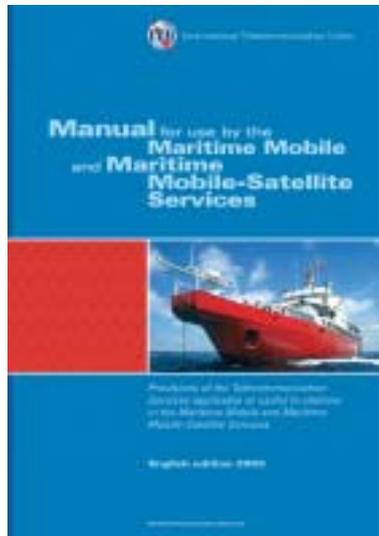
Rules of Procedure, approved by the Radio Regulations Board, for the application by the Radiocommunication Bureau of the provisions of the Radio Regulations, Regional Agreements and Resolutions and Recommendations of World and Regional Radiocommunication Conferences.

#### 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

#### 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

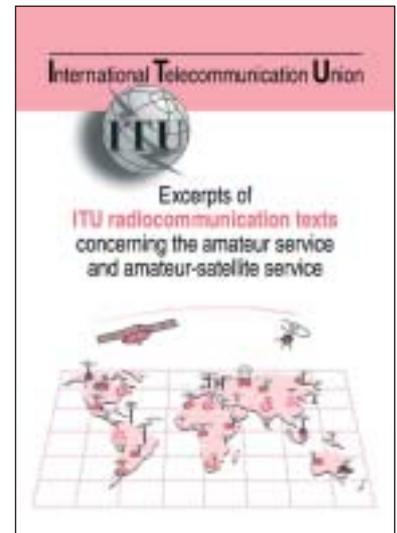
ISBN: 92-61-09707-3

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

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

#### 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

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' Administrations 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. 283-04. 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) Terrestrial Services only

2004 – Per issue



The BR International Frequency Information Circular (BR IFIC) Terrestrial Services is a consolidated regulatory publication, in CD-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 still being processed.

Yearly subscription for Terrestrial Services only: 1750 CHF

#### Multilingual edition in E, F, S

CD-ROM Price 150 CHF

NEW

#### BR International Frequency Information Circular (BR IFIC) Space Services

2004 – 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 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.

- 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 being processed or for Plan modification.

#### BR International Frequency Information Circular (BR IFIC) Space Services

2004 – 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

NEW

#### High Frequency Broadcasting Schedule on CD-ROM

2004

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.

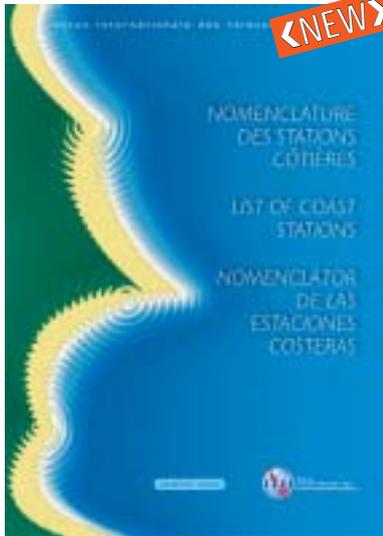
#### Multilingual edition in E, F, S

CD-ROM Price: 900 CHF

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

#### List IV – List of Coast Stations

19th edition, 2004



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: 92-71-13031-6

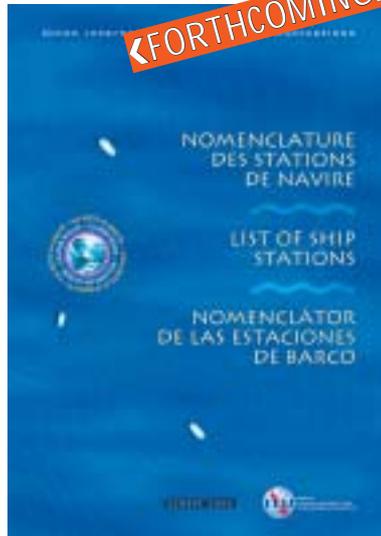
Article: 24674

pp.: 986

Price: 63 CHF

#### List V – List of Ship Stations

44th edition, June 2004



This List is a service publication published annually by ITU in pursuance of Article 20 of the Radio Regulations. As prescribed in Appendix 16 to the aforementioned 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 (paper publication)

Part B (CD-ROM publication)

The List is complete only if both parts are available.

#### Multilingual edition in E, F, S

ISBN: 92-71-28033-4

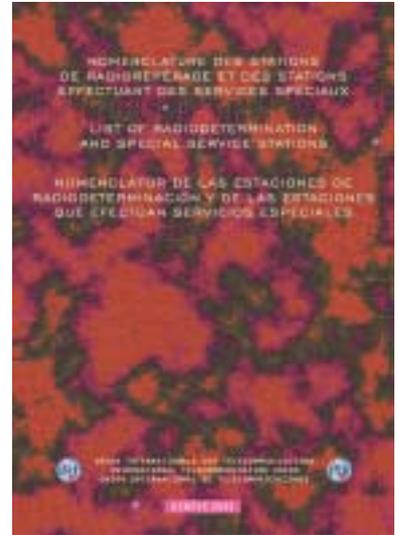
Article: 25138

Paper

Price: 104 CHF

#### 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 ITU 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

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

#### 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 publication 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

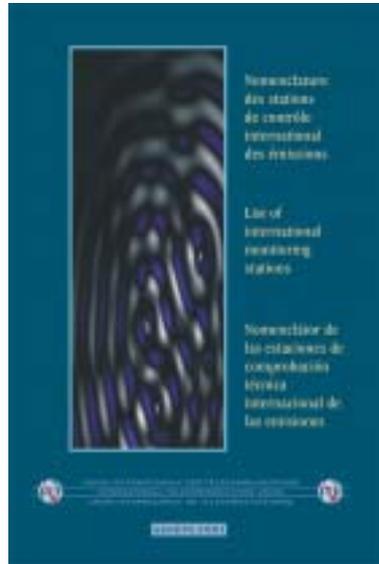
Article: 22977

pp.: 1052

Price: 93 CHF

#### 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 ITU 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

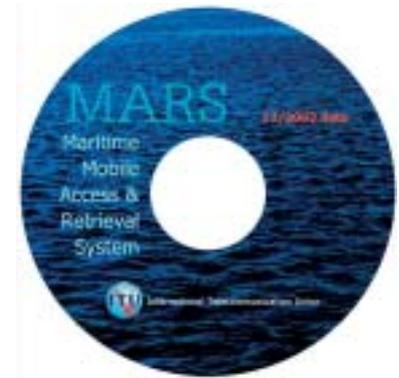
Price: 70 CHF

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/](http://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, are also provided.

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

#### Edition in E

Online

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

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

#### 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

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

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)

2004 – 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-ROM 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, SPACE PUB allows for the printing of satellite networks and earth stations, 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), GIBC to carry out Appendix 8 (29) and power-flux density calculations, SPACECOM for assisting administrations commenting on CR/C special sections and software to determine the coordination area around an earth station according to Appendix 7.

**Multilingual edition in E, F, S**

Article: 24117

CD-ROM Price: 900 CHF

**<NEW>**

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

March 2004



**Multilingual edition in E, F, S**

ISBN: 92-61-10647-1

Article: 24114

CD-ROM Price: 450 CHF

**<FORTHCOMING>**

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

September 2004



**Multilingual edition in E, F, S**

ISBN: 92-61-10657-9

Article: 24115

CD-ROM Price: 450 CHF

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## 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 radio-communication 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.

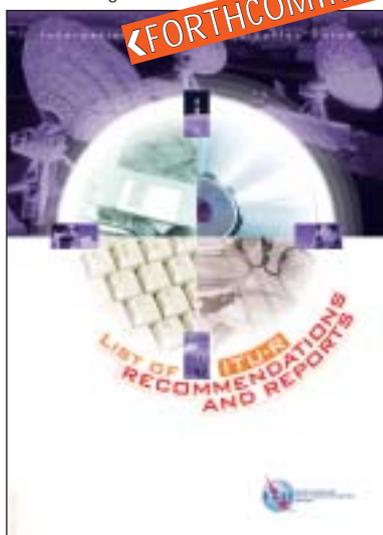
ITU-R Recommendations are divided into Series according to the subject areas they cover, as follows:

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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
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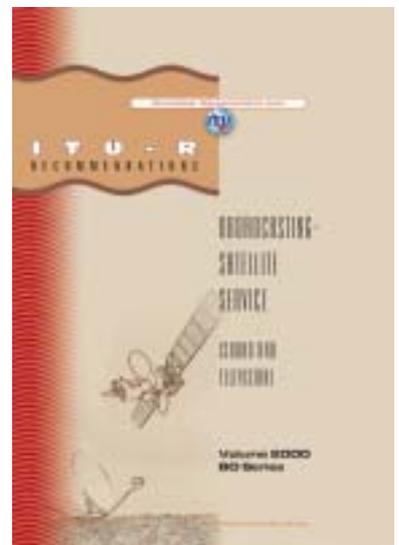
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for television  
Recommendations ITU-R  
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BR.777-3, BR.785-1,  
BR.1216-1, BR.1218-1, BR.1220-1,  
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BS.1387-1 CD-ROM included, BT.1507,  
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F.746-5, F.748-4, F.749-2,  
F.1191-2, F.1397-1, F.1399-1,  
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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,  
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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,  
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Time signals and frequency  
standards emissions  
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Spectrum management  
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SM.329-9, SM.1047-1,  
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#### ITU-R Recommendations, Volume 2000 – TF Series 2000 (SG 7)



Time signals and frequency standards  
emissions

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

ISBN: E: 92-61-08851-1 F: 92-61-08852-X  
S: 92-61-08853-8 R: 92-61-08854-6

Article: E: 18971 F: 18972 S: 18973

pp.: 160 Price: 76 CHF

Online

Electronic Bookshop

#### ITU-R Recommendations, Volume 2000 – V Series 2000 (SG CCV)



Vocabulary and related subjects

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

ISBN: E: 92-61-09081-8 F: 92-61-09082-6  
S: 92-61-09083-4 R: 92-61-09084-2

Article: E: 18992 F: 18993 S: 18994  
R: 18135

pp.: 174 Price: 76 CHF

Online

Electronic Bookshop

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

## 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 R: 92-61-05724-1

Article: E: 5740 F: 5739 S: 5741

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 R: 92-61-05804-3

Article: E: 5783 F: 5782 S: 5784  
R: 11700

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

### 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

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

#### 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

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#### 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](http://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			

**NEW**

#### Report ITU-R BT.2035 – Guidelines and techniques for the evaluation of digital terrestrial television broadcasting systems

2003

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

pp.:	38		Price: 20 CHF
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

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

#### 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 S: 92-61-05873-6	F: 91-62-05872-8
Article:	E: 6077	F: 6076
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 S: 92-61-07603-3	F: 92-61-07602-5 R: 92-61-07604-1
Article:	E: 13804 R: 18703	F: 13803
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 S: 92-61-07903-2	F: 92-61-07902-6 R: 92-61-07904-0
Article:	E: 14503 R: 18704	F: 14504
pp.:	34	Price: 14 CHF
Online		
Electronic Bookshop		

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

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
pp.:	62	Price: 39 CHF
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#### 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
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 S: 92-61-09393-0	F: 92-61-09392-2
Article:	E: 20037	F: 20038
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, A

ISBN:	E: 92-61-09401-5 S: 92-61-09403-1	F: 92-61-09402-3 A: 92-61-09406-6
Article:	E: 20040 A: 23648	F: 20041
pp.:	56	Price: 22 CHF
Online		
Electronic Bookshop		



#### ITU-R Report M.2031 – Compatibility between WDCMA 1800 downlink and GSM 1900 uplink

2003

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

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

#### ◀FORTHCOMING▶

##### ITU-R Report M.2032 – Tests illustrating the compatibility between maritime radio-navigation radars and emissions from radiolocation radars in the band 2 900-3 100 MHz

2003

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

Paper

##### 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](http://www.itu.int/publications/bookstore.html))

#### Separate editions in E, F, S

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pp.: 7 Price: 20 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

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S: 92-61-08743-4

Article: E: 18537 F: 18538 S: 18539

pp.: 36 Price: 18 CHF

Online

Electronic Bookshop

54

#### ◀NEW▶

##### Report ITU-R M.2033 – Radiocommunication objectives and requirements for public protection and disaster relief

2003

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

pp.: 94 Price: 30 CHF

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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, R, A

ISBN: E: 92-61-08721-3 F: 92-61-08722-1  
S: 92-61-08723-X R: 92-61-08724-8  
A: 92-61-08726-4

Article: E: 18441 F: 18442 S: 18443  
R: 24442 A: 20658

pp.: 96 Price: 38 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

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#### ◀NEW▶

##### ITU-R Report M.2034 – Impact of radar detection requirements of dynamic frequency selection on 5 GHz wireless access system receivers

2003

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

pp.: 8 Price: 20 CHF

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 R: 92-61-07714-5

Article: E: 14335 F: 14336 S: 14337  
R: 17781

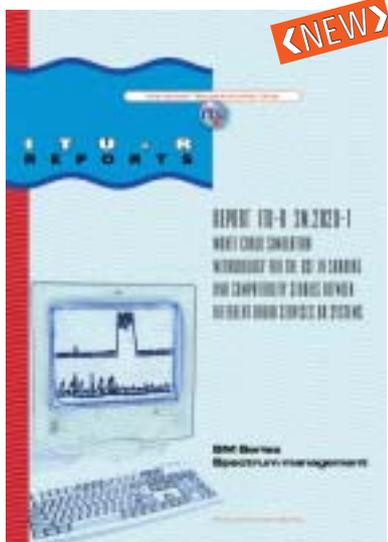
pp.: 20 Price: 11 CHF

Online

Electronic Bookshop

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

**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 radiodetermination) – 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. PUBLICATIONS OF THE ITU-R SECTOR (RADIOCOMMUNICATIONS)

## 3.5 RESOLUTIONS AND OPINIONS

### Resolutions RA-2003

Geneva, 2003 – Free of charge  
 The Resolutions contained in this book are those in force as at the end of the Radiocommunication Assembly held from 2 to 6 June 2003 in Geneva.  
 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, R

pp.: 122

Electronic Bookshop

### Resolutions RA-2000

Istanbul, 2000 – Free of charge  
 The Resolutions contained in this book are those in force as at the end of the Radiocommunication Assembly held from 1 to 5 May 2000 in Istanbul.  
 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

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

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, C, A

ISBN: E: 92-61-08021-9 F: 92-61-08022-7  
 S: 92-61-08023-5 R: 92-61-08024-3  
 C: 92-61-08025-1 A: 92-61-08026-X

Article: E: 15542 F: 15543 S: 15544  
 R: 17784 C: 23755 A: 17488

pp.: 204 Price: 46 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

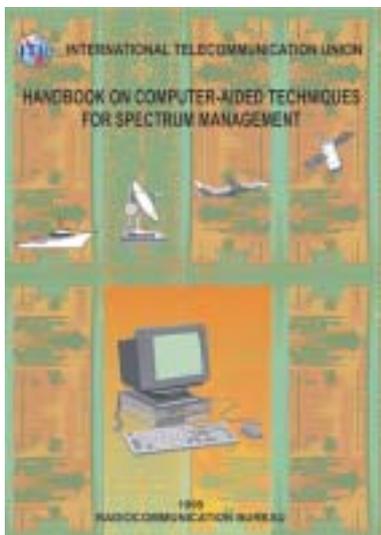
ISBN: E: 92-61-06281-4 F: 92-61-06282-2  
 S: 92-61-06283-0 R: 92-61-06284-9  
 C: 92-61-06285-7 A: 92-61-06286-5

Article: E: 7019 F: 7020 S: 7021  
 R: 11853 C: 24549 A: 12981

pp.: 400 Price: 50 CHF

### Computer-aided Techniques for Spectrum Management

1999



The Handbook describes the key elements of computer-aided techniques for spectrum management and the technical

### 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 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 the 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

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

#### 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.

#### Edition in E

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, R

ISBN: E: 92-61-09911-4 F: 92-61-09912-2  
S: 92-61-09913-0 R: 92-61-09914-9

Article: E: 21453 F: 21454 S: 21455  
R: 22954

pp.: 274 Price: 100 CHF

Electronic Bookshop

#### DTTB Handbook

##### Digital terrestrial television broadcasting in the VHF/UHF bands

Edition 2003



The texts are available in Adobe Acrobat PDF format.

#### Multilingual edition in E, F, S

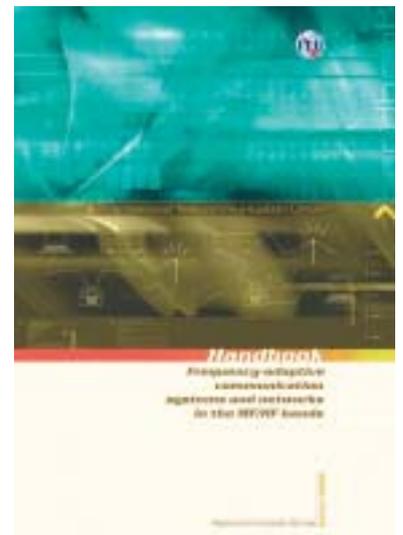
ISBN: 92-61-10447-9

Article: 24058

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 par-

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

ticularly 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

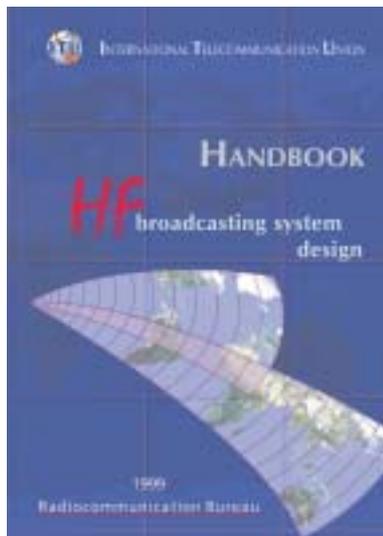
Article: E: 22296 F: 22297 S: 22298

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, R, A

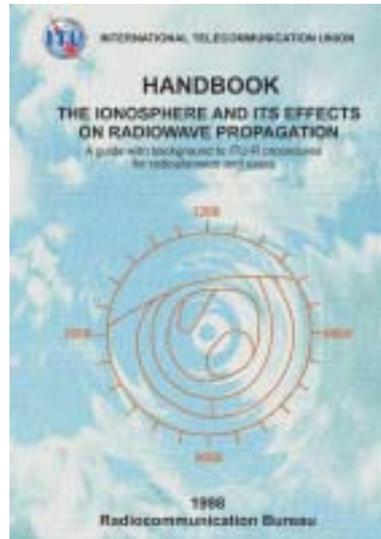
ISBN: E: 92-61-06651-8 F: 92-61-06652-6  
S: 92-61-06653-4 R: 92-61-06654-2  
A: 92-61-06656-9

Article: E: 11251 F: 11252 S: 11253  
R: 24550 A: 17486

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 for 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 R: 92-61-06674-7

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

pp.: 156 Price: 36 CHF

#### 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, R

ISBN: E: 92-61-09321-3 F: 92-61-09322-1  
S: 92-61-09323-X R: 92-61-09324-8

Article: E: 19474 F: 19475 S: 19476  
R: 21470

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  
C: 92-61-06585-6 A: 92-61-06586-4

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

pp.: 46 Price: 16 CHF

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

#### 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

#### 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, R

ISBN: E: 92-61-09951-3 F: 92-61-09952-1  
S: 92-61-09953-X R: 92-61-09954-8

Article: E: 21450 F: 21451 S: 21452  
R: 22955

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

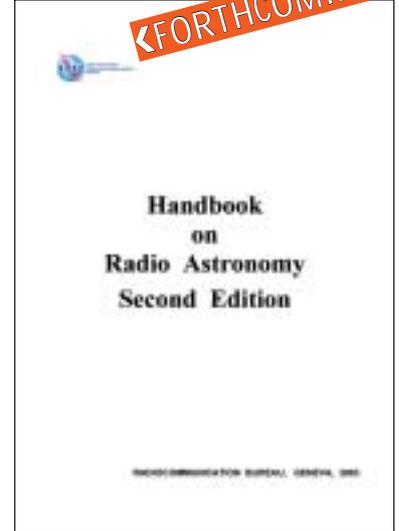
ISBN: E: 92-61-05881-7 F: 92-61-05882-5  
S: 92-61-05883-3 C: 92-61-05885-X  
A: 92-61-05886-8

Article: E: 6064 F: 6063 S: 6065  
R: 11910 C: 9745 A: 11910

pp.: 160 Price: 33 CHF

#### Radio Astronomy

2003



The second edition of this Handbook has been developed by experts of Working Party 7D of Radiocommunication 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

ISBN: E: 92-61-10551-3 F: 92-61-10552-1  
S: 92-61-10553-X

Article: E: 24555 F: 24556 S: 24557

Paper Price: 57 CHF

Electronic Bookshop

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#### Radio Astronomy

2003

The texts are available in Adobe Acrobat PDF format.

#### Multilingual edition in E, F, S

ISBN: 92-61-10827-X

Article: 25350

CD-ROM Price: 57 CHF

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

#### 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	R: 92-61-06244-X
Article:	E: 7023	F: 7024
	R: 10562	S: 7025
pp.:	200	Price: 47 CHF

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

1996

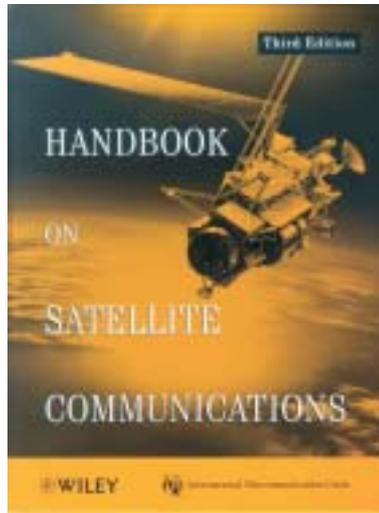
This Handbook provides information on radiowave propagation to assist in the design of Earth-to-space communication systems.

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

ISBN:	E: 92-61-06361-6	F: 92-61-06362-4
	S: 92-61-06363-2	R: 92-61-06364-0
	A: 92-61-06366-7	
Article:	E: 7320	F: 7321
	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.

English: Out of print

##### Separate editions in E, F, S

Article:	E: 2278	F: 2277
		S: 2279
pp.:	28	Price: 8 CHF

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

1993

Please consult [www.itu.uit/ITU-R/software/index.html](http://www.itu.uit/ITU-R/software/index.html)

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

Article:	E: 3262	F: 3261	S: 3263
	R: 9588		
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	

#### 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	R: 92-61-06514-7
	A: 92-61-06516-3	
Article:	E: 10504	F: 10503
	R: 14457	A: 15469
pp.:	230	Price: 50 CHF

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

#### 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

#### Spectrum Monitoring

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, R

ISBN: E: 92-61-10101-1 F: 92-61-10102-X  
S: 92-61-10103-8 R: 92-61-10104-6

Article: E: 22084 F: 22085 S: 22086  
R: 22957

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

#### 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

#### 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: 92-61-05572-9  
S: 92-61-05573-7 R: 92-61-05574-5  
A: 92-61-05576-1

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

pp.: 100 Price: 60 CHF

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

#### 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 viewer's receiver as printed text or diagrams, or possibly more elaborate multimedia. This Handbook describes four systems currently in use worldwide as defined in ITU-R Recommendations. The specifications 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



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



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

#### 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, R

ISBN: E: 92-61-09971-8 F: 92-61-09972-6  
S: 92-61-09973-4 R: 92-61-09974-2

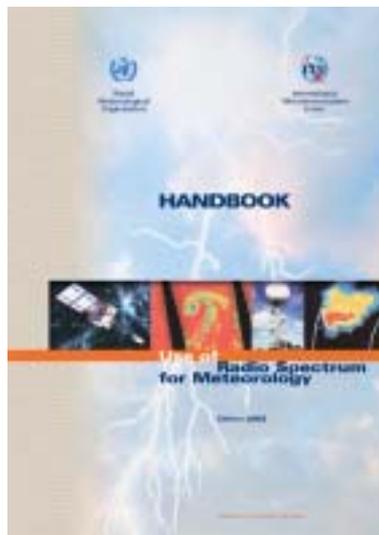
Article: E: 21447 F: 21448 S: 21449  
R: 24441

pp.: 122 Price: 57 CHF

Electronic Bookshop

#### 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, radiosondes, 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

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#### Standards?

Ask for free copies of the Lists of ITU-T and ITU-R Recommendations

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

## 3.7 SOFTWARE APPLICATIONS

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For more information on radiocommunication software applications, please consult [www.itu.int/ITU-R/software/index.html](http://www.itu.int/ITU-R/software/index.html)

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

6th edition, November 2001



This CD-ROM, produced by the Radio-communication 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).

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#### Multilingual edition in E, F, S

ISBN: 92-61-09617-4

Article: 20731

CD-ROM Price: 400 CHF

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



## 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 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, R, C, A**

ISBN: E: 92-61-09331-0	F: 92-61-09332-9
S: 92-61-09333-7	R: 92-61-09334-5
C: 92-61-09335-3	A: 92-61-09336-1

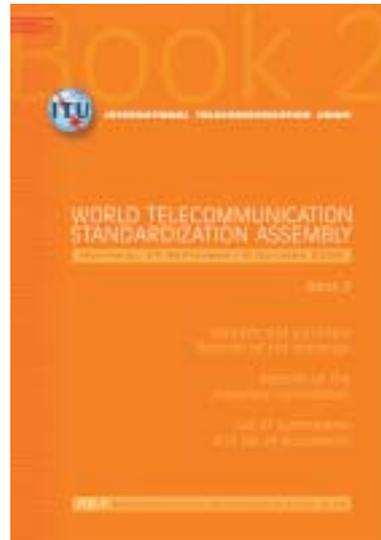
Article: E: 19674	F: 19676	S: 19678
R: 20746	A: 21112	

pp.: 160	Price: 55 CHF
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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, R**

ISBN: E: 92-61-09341-8	F: 92-61-09342-6
S: 92-61-09343-4	R: 92-61-09344-5

Article: E: 19675	F: 19677	S: 19679
R: 20747		

pp.: 310	Price: 124 CHF
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**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

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## 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 (2004) (printed versions, electronic version and online service)

2004 – 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](http://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

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### Lists annexed to the ITU Operational Bulletin

For information, all lists will be updated by numbered series of amendments published in the ITU Operational Bulletin, and will be reissued as necessary.

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

#### Separate editions in E, F, S

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Online

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### Lists annexed to the ITU Operational Bulletin

OB. No.	Subject	ITU-T Rec./ ITR/RR	Price CHF
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.–

## 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>
739	List of ITU carrier codes (According to ITU-T Recommendation M.1400 (02/2000))	M.1400	20.–
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	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.–
779	Mobile Network Code (MNC) for the international identification plan for mobile terminals and mobile users (According to ITU-T Recommendation E.212 (11/98)) (Position on 1 January 2003)	E.212	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.–
785	List of issuer identifier numbers for the international telecommunication charge card (In accordance with ITU-T Recommendation E.118) (Position on 1 April 2003)	E.118	20.–
787	Dialling procedures (International prefix, national (trunk) prefix and national (significant) number) (In accordance with ITU-T Recommendation E.164 (05/97)) (Position on 1 May 2003)	E.164	20.–
789	Access codes/numbers for mobile networks (According to ITU-T Recommendation E.164) (Position on 1 June 2003)	E.164	20.–
797	List of international signalling point codes (ISPC) (According to ITU-T Recommendation Q.708 (03/99)) (Position on 1 October 2003)	Q.708	20.–
798	List of data network identification codes (DNIC) (According to ITU-T Recommendation X.121) (Position on 15 October 2003)	X.121	20.–
799	List of signalling area/network codes (SANC) (Position on 1 November 2003)	—	20.–

## Lists annexed to the ITU Operational Bulletin (continued)

OB. No.	Subject	ITU-T Rec./ ITR/RR	Price CHF
801	Mobile Network Code (MNC) for the international identification plan for mobile terminals and mobile users (According to ITU-T Rec. E.212 (11/98)) (Position on 1 December 2003)	E.212	20.–
803	List of mobile country or geographical area codes (Position on 1 January 2004)	—	20.–
805	List of ITU-T Recommendation E.164 assigned country codes (Position on 1 February 2004)	E.164	20.–

For information, all lists will be updated by numbered series of amendments published in the ITU Operational Bulletin, and will be reissued as necessary.

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

**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

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### 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 four complementary formats of the ITU-T Recommendations available for sale: the paper version, individually downloadable electronic format, CD-ROM and, as from June 2004, DVD-ROM.

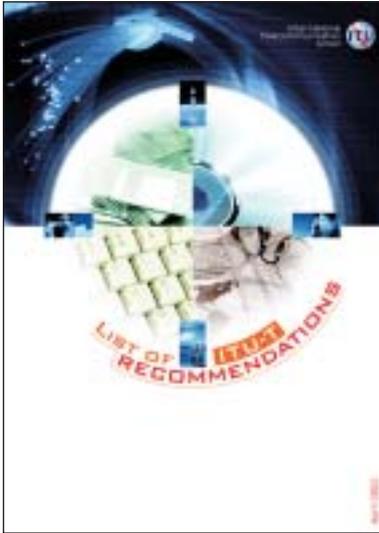
Customers who wish to receive further details and information related to the availability and price of these Recommendations should refer to the List of ITU-T Recommendations which contains a comprehensive description of all the series as well as the ordering facilities. This List is available in English, French and Spanish on request from the ITU Sales Service. It is also available online via Internet at [www.itu.int/publications](http://www.itu.int/publications).

The list below gives an indication of the subjects covered in each of the ITU-T Recommendation Series

<i>Series</i>	<i>Title/Subject area</i>	<i>Series</i>	<i>Title/Subject area</i>
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, Internet protocol aspects and Next Generation Networks
		Z	Languages and general software aspects for telecommunication systems

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**Separate editions in E, F, S**

Article: E: 23812 F: 23813 S: 23814

CD-ROM Price: 2940 CHF

**ITU-T Recommendations on CD-ROM**

Single edition – March 2004



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 worldwide 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: 92-61-10482-7  
S: 92-61-10483-5

Article: E: 23188 F: 23189 S: 23190

CD-ROM Price: 1050 CHF

**<FORTHCOMING>****ITU-T Recommendations on DVD-ROM**

Single edition – June 2004

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 worldwide basis. The ITU-T Recommendations on DVD-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: 92-61-10491-6 F: 92-61-10492-4  
S: 92-61-10493-2

Article: E: 23207 F: 23208 S: 23209

DVD-ROM Price: 1050 CHF

**<FORTHCOMING>****ITU-T Recommendations on DVD-ROM**

Single edition – September 2004

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 worldwide basis. The ITU-T Recommendations on DVD-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: 92-61-10501-7 F: 92-61-10502-5  
S: 92-61-10503-3

Article: E: 23809 F: 23810 S: 23811

DVD-ROM Price: 1050 CHF

**<FORTHCOMING>****ITU-T Recommendations on DVD-ROM**

Single edition – December 2004

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 worldwide basis. The ITU-T Recommendations on DVD-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: 92-61-10511-4 F: 92-61-10512-2  
S: 92-61-10513-0

Article: E: 23815 F: 23816 S: 23817

**DVD-ROM Price: 1050 CHF**

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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 R: 92-61-04824-2  
C: 92-61-04825-0 A: 92-61-04826-9

Article: E: 3382 F: 3381 S: 3383  
R: 5130 C: 7387 A: 5961

**Paper Price: 23 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 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**

**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
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Paper	Price: 28 CHF
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**Introduction of New Technology in Local Network**

1993

**Edition in E**

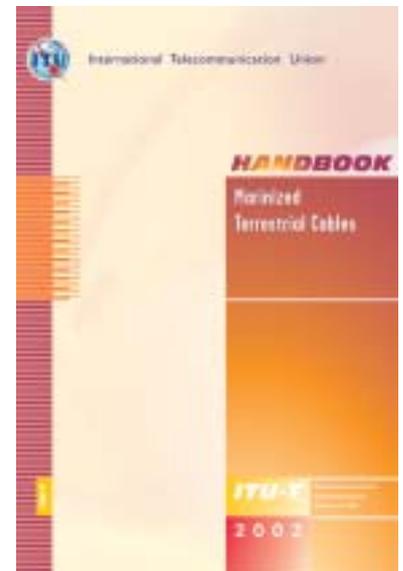
ISBN: E: 92-61-04811-0

Article: E: 3343

Paper	Price: 58 CHF
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**Marinized Terrestrial Cables**

2002



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 water environment and designed for specific repeaterless applications.

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

ISBN: E: 92-61-09451-1	F: 92-61-09452-X
S: 92-61-09453-8	R: 92-61-09454-6

Article: E: 20502	F: 20503	S: 20504
R: 22956		

pp.: 68	Price: 34 CHF
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Electronic Bookshop

**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
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Paper	Price: 20 CHF
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**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
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Paper	Price: 38 CHF
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**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
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Article: E: 1910	F: 1909	S: 1911
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Paper	Price: 37 CHF
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**OUTSIDE PLANT****Protection of Telecommunication Buildings from Fire**

2002



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

ISBN: E: 92-61-09311-6	F: 92-61-09312-4
S: 92-61-09313-2	R: 92-61-09314-0

Article: E: 19255	F: 19256	S: 19257
R: 23320		

pp.: 44	Price: 28 CHF
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Electronic Bookshop

**Outside Plant Technologies for Public Networks**

1991

**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
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Paper	Price: 122 CHF
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### The Preservation of Wooden Poles Carrying Overhead Telecommunication Lines

1974 edition

#### Separate editions in E, F, S

Article:	E: 493	F: 494	S: 495
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Paper	Price: 23 CHF
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### Jointing of Plastic-Sheathed Cables

1st edition 1978

Out of print

#### Separate editions in E, F, S

ISBN:	E: 92-61-00561-6	F: 92-61-00562-4
	S: 92-61-00563-2	

Article:	E: 484	F: 486	S: 487
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Paper	Price: 27 CHF
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### 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
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Paper	Price: 47 CHF
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### 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
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### 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	R: 92-61-04904-4
	A: 92-61-04906-0	

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

Paper	Price: 53 CHF
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### Application of Computers and Microprocessors to the Construction, Installation and Protection of Telecommunication Cables

1999



The first edition of this handbook was published in 1994. Due to the rapid development of technologies, a second edition was considered useful to include new applications for computers and microprocessors, taking into account that many countries are adopting such devices and equipment. Outside plant occupies a wide area which requires a large amount of investment and a huge amount of work on design, construction, installation and protection, especially considering the new telecommunication services now available and the future role of access networks.

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

ISBN:	E: 92-61-07891-5	F: 92-61-07892-3
	S: 92-61-07893-1	A: 92-61-07896-6

Article:	E: 14517	F: 14695	S: 14696
	A: 19211		

pp.: 40	Price: 20 CHF
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Electronic Bookshop

### PROTECTION AGAINST ELECTROMAGNETIC EFFECTS

#### Earthing and Bonding

2003



This ITU-T handbook on Earthing and Bonding is for use by engineers designing telecommunication systems, especially those concerned with applying protective measures. It aims to give the user a background to various terms used within the telecommunication and power industry regarding earthing and bonding of equipment and structures (Chapter 1) in various parts of the world. The concepts of earthing and bonding are described (Chapter 2) together with how to implement such methods (Chapters 3 and 4), detailing why these are necessary and what the results may be if they are not performed correctly. The final section of the handbook shows how to evaluate and maintain the effectiveness/quality of the earthing systems and bonding networks thus created.

#### Separate editions in E, F, S

ISBN:	E: 92-61-10471-1	F: 92-61-10472-X
	S: 92-61-10473-8	

Article:	E: 24087	F: 24088	S: 24089
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pp.: 76	Price: 34 CHF
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Electronic Bookshop

### Earthing of Telecommunication Installations

1st edition, 1976

#### Separate editions in E, F, S

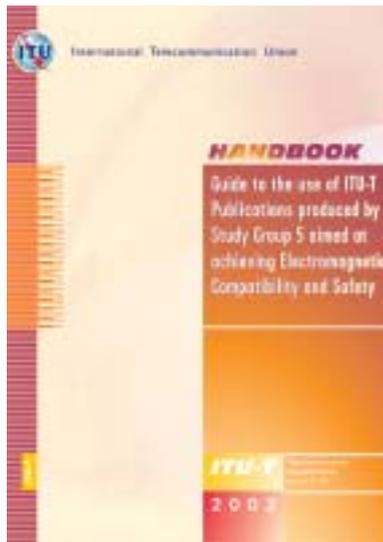
ISBN: E: 92-61-00301-X F: 92-61-00302-8  
S: 92-61-00303-6

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

2002



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

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, 1995

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, 1989

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, 1999



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 cur-

rents 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, 1989

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

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

Geneva, 1989



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

Electronic Bookshop

#### 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



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 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 VI

Geneva, 1989



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 VII

Geneva, 1989

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

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

Geneva, 1989



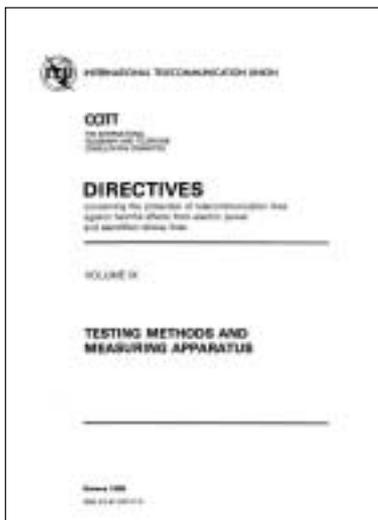
Protective devices.

#### 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 IX

Geneva, 1989



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	
Electronic Bookshop		

## MEASUREMENT METHODS

### Handbook on interference measuring techniques

2002



The "Handbook on interference measuring techniques" contains information on electro-magnetic compatibility (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		

### Handbook on Telephonometry

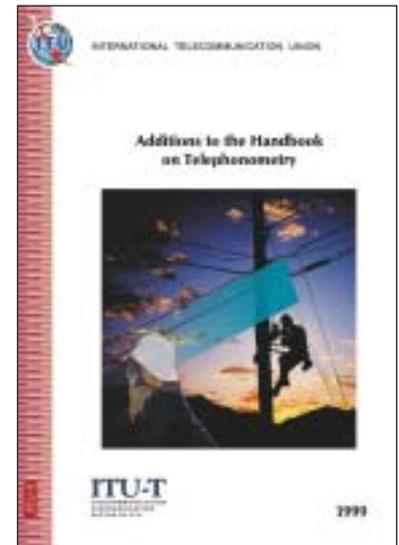
1992

#### 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 Telephonometry

1999



The Handbook on Telephonometry 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).

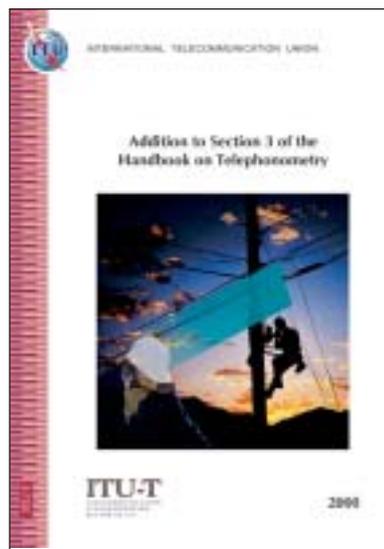
**Separate editions in E, F, S**

pp.: 6

Electronic Bookshop

**Addition to Section 3 of the Handbook on Telephony**

2000

**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: E: 92-61-01942-0 S: 92-61-01943-9

Article: E: 458 F: 471 S: 474

Paper Price: 40 CHF

**CHILL Formal Definition – Volume I, Parts 1, 2, 3**

Geneva, 1982

**Edition in E**

Article: E: 1052

Paper Price: 31 CHF

## FORMAL LANGUAGES

**CHILL Formal Definition – Volume II, Part 4**

Geneva, 1982

**Edition in E**

Article: E: 1053

Paper Price: 43 CHF

**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

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

## 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.

<i>Series</i>	<i>Subject</i>	<i>Article</i>	<i>Price CHF</i>
Test Chart No. 4: Black and white facsimile test chart BW01 – <b>High Quality</b> (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 – <b>Standard Quality</b> (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)	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: <ul style="list-style-type: none"> <li>– eight black and white ITU-T reference pages (the “CCITT images”);</li> <li>– test chart No. 4 (BW01);</li> <li>– one legibility test chart;</li> <li>– seven bi-level half-tone images made by processing gray-scale images with different algorithms;</li> <li>– test chart No. 5 (CT01);</li> <li>– two gray-scale images;</li> <li>– test chart No. 6 (4CP01);</li> <li>– 14 colour images with different resolutions and in different colour spaces (YUV, CMYK, RGB, CIELAB);</li> <li>– low-contrast gray-scale images.</li> </ul> (Paper + CD-ROM)	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 List of ITU-T Recommendations. Some of these are not included in ITU-T Recommendations on CD-ROM/DVD-ROM. For more information, please contact ITU Sales and Marketing Division at [sales@itu.int](mailto:sales@itu.int)

<i>Series</i>	<i>Subject</i>	<i>Series</i>	<i>Subject</i>
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 $\mu$ -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>
<b>G.729 Annex A (11/96)</b>	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.	<b>G.729 Annex F (02/00)</b>	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.
<b>G.729 Annex B (02/00)</b>	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).	<b>G.729 Annex G (02/00)</b>	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.
<b>G.729 Annex C (09/98)</b>	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.	<b>G.729 Annex H (02/00)</b>	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.
<b>G.729 Annex C+ (02/00)</b>	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.	<b>G.729 Annex I (02/00)</b>	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.
<b>G.729 Annex D (02/00)</b>	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).	<b>G.763 (10/98)</b>	This Recommendation includes 2 diskettes. The first one contains A-Law and $\mu$ -Law test vectors for DCME verification. The second one contains example transmit/receive SDLs.
<b>G.729 Annex E (02/00)</b>	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).	<b>G.776.1 (10/98)</b>	This Recommendation includes one diskette containing the information model of Signal Processing Network Elements (SPNE).
		<b>G.967.1 (06/98)</b>	This Recommendation includes one diskette containing the SDL process diagrams corresponding to the VB5.1 reference point.
		<b>G.967.2 (02/99)</b>	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 <i>bis</i> (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 <i>bis</i> (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 <i>bis</i> (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)	—
		Q.1248.4 (07/01)	—
		Q.1248.5 (07/01)	—
		Q.1248.6 (07/01)	—
		Q.1248.7 (07/01)	—
		Q.1600 <i>bis</i> (12/99)	—
		Q.1950 (12/02)	—

## ITU-T SOFTWARE (continued)

<i>Series</i>	<i>Subject</i>	<i>Series</i>	<i>Subject</i>
Q.2991.1 (12/99)	—	T.870 (03/02)	—
Q.2991.2 (12/99)	—	V.56 <i>ter</i> (08/96)	This Recommendation includes 2 diskettes containing the data files used for the voiceband duplex modems throughput tests.
T.24 (06/98)	This Recommendation includes 2 CD-ROMs containing the digitized image set.	X.633 Add.1 (09/98)	This annex includes one diskette containing the SDT files of the SDL specifications of the Network Fast Byte protocol.
T.24 Amendment 1 (02/00)	—	X.634 Add.1 (09/98)	This annex includes one diskette containing the SDT files of the SDL specifications of the Transport Fast Byte protocol.
T.83 (11/94)	This Recommendation includes 3 diskettes containing compliance test data for the generic encoder and decoder compliance tests.		
T.87 (06/98)	This Recommendation includes one diskette containing the JPEG-LS Lossless and near-lossless image compression reference implementation and a conformance testing image set.		
T.803 (11/02)	—		
T.804 (08/02)	—		

## 4.7 OTHER PRODUCTS

## ◀FORTHCOMING▶

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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 2004, ITU comprised 189 Member States, 638 Sector Members and 93 Associates (scientific or industrial organizations, 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 telecommunication 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 radio-communication services, including those using the geostationary-satellite orbit, and to carry out studies on all frequency ranges without limitation 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 expert 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 (telecommunication 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 telecommunication services and considers policy issues related to carriage and content. (Technical or operating questions specifically related to radio-communications 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 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 telecommunication 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, which 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 telecommunication 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 telecommunication 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 telecommunication 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 ITU's legal representative and depository of treaties and other agreements concluded by ITU or under its auspices.
- The internal communications requirements of ITU are also handled by the General Secretariat, which provides an up-to-date information tech-

## WHAT IS THE INTERNATIONAL TELECOMMUNICATION UNION (ITU)?

nology infrastructure, information exchange services, administrative software applications and software development environments.

- Finally, the General Secretariat assists the Secretary-General in developing policies relat-

ing to personnel and human resources, providing essential advice on a wide range of matters including recruitment, staff training, counselling and post classification.

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Union

<b>A</b>		<b>C</b>	
Addition to Section 2.3 of the Handbook on Telephony ..... 77		CCITT Directives Concerning the Protection of Telecommunication Lines against Harmful Effects from Electric Power and Electrified Railway Lines: Volume I ..... 74	
Addition to Section 3 of the Handbook on Telephony ..... 77		CCITT Directives Concerning the Protection of Telecommunication Lines against Harmful Effects from Electric Power and Electrified Railway Lines: Volume III ..... 75	
Additions to the Handbook on Telephony ..... 76		CCITT Directives Concerning the Protection of Telecommunication Lines against Harmful Effects from Electric Power and Electrified Railway Lines: Volume IV ..... 5	
African Regional Telecommunication Development Conference (AF-RTDC-96): Volume I ..... 15		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 ..... 75	
African Telecommunication Indicators ..... 24		CCITT Directives Concerning the Protection of Telecommunication Lines against Harmful Effects from Electric Power and Electrified Railway Lines: Volume VI ..... 75	
Americas Telecommunication indicators ..... 24		CCITT Directives Concerning the Protection of Telecommunication Lines against Harmful Effects from Electric Power and Electrified Railway Lines: Volume VII ..... 75	
Annex to Volume V: XVIIth Plenary Assembly of the CCIR ..... 55		CCITT Directives Concerning the Protection of Telecommunication Lines against Harmful Effects from Electric Power and Electrified Railway Lines: Volume VIII ..... 76	
Annex to Volume VI: XVIIth Plenary Assembly of the CCIR ..... 55		CCITT Directives Concerning the Protection of Telecommunication Lines against Harmful Effects from Electric Power and Electrified Railway Lines: Volume IX ..... 76	
Annexes to Volume VIII: XVIIth Plenary Assembly of the CCIR ..... 55		Challenges to the Network: Internet for Development ..... 25	
Annex to Volume X – Part 1: XVIIth Plenary Assembly of the CCIR ..... 55		Challenges to the Network: Telecommunications and the Internet ..... 25	
Annex to Volume X/XI – Part 2: XVIIth Plenary Assembly of the CCIR ..... 55		CHILL Formal Definition – Volume I, Parts 1, 2, 3 ..... 77	
Annex to Volume X/XI – Part 3: XVIIth Plenary Assembly of the CCIR ..... 55		CHILL Formal Definition – Volume II, Part 4 ..... 77	
Annex to Volume XI – Part 1: XVIIth Plenary Assembly of the CCIR ..... 55		CHILL User Manual ..... 77	
Annex to Volume XII: XVIIth Plenary Assembly of the CCIR ..... 55		Collection of General Trends in Telecommunication Reform ..... 23	
Annual Report ..... 3		Collection of the Basic Texts of the International Telecommunication Union adopted by the Plenipotentiary Conference ..... 1	
Application of Computers and Microprocessors to the Construction, Installation and Protection of Telecommunication Cables ..... 73		Colloquium No. 1 – Options for Regulatory Processes and Procedures in Telecommunications ..... 8	
Arab States Telecommunication Indicators ..... 25		Colloquium No. 2 – Universal Service and Innovation: Fostering Linked Goals through Regulatory Policy ..... 8	
Asia-Pacific Telecommunication Indicators ..... 25		Colloquium No. 3 – Global Mobile Personal Communications Systems (GMPCS) ..... 8	
<b>B</b>			
BR International Frequency Information Circular (BR IFIC) ..... 39			
BR International Frequency Information Circular (BR IFIC) Space Services ..... 39			
BR International Frequency Information Circular (BR IFIC) Terrestrial Services only ..... 39			
Bureaufax Table ..... 68			

## INDEX OF TITLES

Colloquium No. 4 – Interconnection: Regulatory Issues .....	8
Colloquium No. 5 – Trade Agreements on Telecommunications: Regulatory Implications...	8
Colloquium No. 6 – Regulatory Implications of Telecommunications Convergence .....	9
Colloquium No. 7 – Transforming Economic Relationships in International Telecommunications .....	9
Colloquium No. 8 – Telecommunications Regulatory Issues for Electronic Commerce .....	9
Compatibility between the Broadcasting Service in the Band of about 87-108 MHz and the Aeronautical Services in the Band 108-137 MHz .....	56
Compendium of Cable Measurement Methods.....	77
Computer-aided Techniques for Spectrum Management.....	56
Construction, Installation, Jointing and Protection of Optical Fibre Cables .....	73
COSITU Version 1.0 SP1 – Software for the Calculation of Costs, Tariffs and Rates for Telephone Services .....	19
Curves for Radiowave Propagation over the Surface of the Earth .....	56

## D

Deployment of IMT-2000 Systems .....	36
Digital Radio-Relay Systems .....	56
Digital Television Signals: Coding and Interfacing within Studios .....	56
Direction of Traffic: Trading Telecom Minutes – Report .....	27
Direction of Traffic: Trading Telecom Minutes.....	27
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 .....	74
Distribution of ITU-T Recommendations.....	71
DSB Handbook Terrestrial and satellite digital sound broadcasting to vehicular, portable and fixed receivers in the VHF/UHF bands.....	57
DTTB Handbook Digital terrestrial television broadcasting in the VHF/UHF bands .....	57

## E

Earthing and Bonding .....	73
Earthing of Telecommunication Installations.....	74
Excerpts of ITU radiocommunication texts concerning the amateur service and amateur-satellite service .....	38, 39

## F

Final Acts of the Additional Plenipotentiary Conference (APP-92) .....	2
Final Acts of the Plenipotentiary Conference .....	1
Final Acts of the Regional Administrative Radio Conference for the Planning of VHF/UHF Television – Broadcasting in the African Broadcasting Area and Neighbouring Countries.....	36
Final Acts of the World Administrative Telegraph and Telephone Conference (WATTC-88) .....	65
Final Acts of the World Radiocommunication Conference (WRC-2003) .....	35
Final Acts of the World Radiocommunication Conference (WRC-2000) .....	35
Final Acts of the World Radiocommunication Conference (WRC-97) .....	35, 36
Final Acts of the World Radiocommunication Conference (WRC-95) .....	36, 37
Final report of ITU-D Focus Group 7: New Technologies for Rural Applications .....	16
Financial Institutions Offering Resources for Telecommunication Projects and Technical Assistance in Developing Countries.....	18
First World Telemedicine Symposium for Developing Countries.....	16
Frequency-adaptive communication systems and networks in the MF/HF bands .....	57

## G

General Trends in Telecommunication Reform “World”: Volume I .....	21
General Trends in Telecommunication Reform “Africa”: Volume II .....	21
General Trends in Telecommunication Reform “Americas”: Volume III .....	22
General Trends in Telecommunication Reform “Arab States”: Volume IV .....	22
General Trends in Telecommunication Reform “Asia Pacific”: Volume V.....	22



## INDEX OF TITLES

ITU-D Question 2/2 – Economic, organizational and regulatory aspects of national spectrum management (Preparation of handbooks for developing countries) .....	30	ITU-D Question 16/2 – Handbook on new technologies and new services Fascicle 2: Digital networks and services .....	33
ITU-D Question 2/2 – New developments in rural telecommunications (Preparation of handbooks for developing countries) .....	29	ITU-D Reports on Questions and Recommendations – Study Groups 1 and 2 .....	28, 29
ITU-D Question 3/1 – Impact of the Introduction and Utilization of New Technologies on the Commercial and Regulatory Environment of Telecommunications .....	30	ITU-R Recommendations – Electronic Bookshop.....	44
ITU-D Question 3/2 – Planning, Management Operation, and Maintenance of Telecommunication Networks .....	30	ITU-R Recommendations and Reports on CD-ROM ...	43
ITU-D Question 4/1 – Policies and Ways for Financing Telecommunication Infrastructures in Developing Countries .....	30	ITU-R Recommendations and Reports Online.....	44
ITU-D Question 4/2 – Communications for Rural and Remote Areas .....	31	ITU-R Recommendations, Supplement 1 to Volume 2000 – F Series – Parts 1(A), 1(B) and 2 .....	47
ITU-D Question 5/2 – Human Resources Development and Management .....	30	ITU-R Recommendations, Supplement 1 to Volume 2000 – BO Series .....	45
ITU-D Question 6/2 – Impact of Telecommunications in Health-care and Other Social Services .....	30	ITU-R Recommendations, Supplement 1 to Volume 2000 – BR Series.....	45
ITU-D Question 7/1 – Universal access/service .....	31	ITU-R Recommendations, Supplement 1 to Volume 2000 – BS-BT Series .....	45
ITU-D Question 7/2 – Telecommunication Support for the Protection of the Environment .....	31	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.....	46
ITU-D Question 8/2 – Public Service Broadcasting Infrastructure in Developing Countries.....	31	ITU-R Recommendations, Supplement 1 to Volume 2000 – M Series – Parts 2, 3, 4 and 6 .....	48
ITU-D Question 9/2 – Frequency agile systems in the MF/HF bands.....	31	ITU-R Recommendations, Supplement 1 to Volume 2000 – P Series – Parts 1 and 2 .....	48
ITU-D Question 9/2 – High Altitude Platform Stations: an opportunity to close the information gap .....	31	ITU-R Recommendations, Supplement 1 to Volume 2000 – TF Series .....	50
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 .....	31	ITU-R Recommendations, Supplement 1 to Volume 2000 – RA Series.....	49
ITU-D Question 9/2 – Recommendation: Effective utilization of the amateur services in disaster mitigation and relief operations .....	32	ITU-R Recommendations, Supplement 1 to Volume 2000 – S Series – Parts, 1, 2 and 3 .....	49
ITU-D Question 12/2 – Examine broadband communications over traditional copper wires: Report on DSL technologies.....	32	ITU-R Recommendations, Supplement 1 to Volume 2000 – SM Series – Parts 1 and 2.....	50
ITU-D Question 13/1 – Promotion of infrastructure and use of the Internet in developing countries.....	32	ITU-R Recommendations, Volume 2000 – BO Series..	44
ITU-D Question 14/2 – Fostering the application of telecommunication in health care .....	32	ITU-R Recommendations, Volume 2000 – BR Series ..	45
ITU-D Question 16/2 – Handbook on disaster communications .....	32	ITU-R Recommendations, Volume 2000 – BS Series – ITU-R Rec. BS.705-1, ITU-R Rec. BS.1195 and ITU-R Rec. BS.1386.....	46
ITU-D Question 16/2 – Handbook on new technologies and new services Fascicle 1: New technologies supporting new networks .....	32	ITU-R Recommendations, Volume 2000 – BS Series – Part 1 .....	45
		ITU-R Recommendations, Volume 2000 – BS Series – Part 2 .....	45
		ITU-R Recommendations, Volume 2000 – BT Series – Part 1 .....	46
		ITU-R Recommendations, Volume 2000 – BT Series – Part 2 .....	46
		ITU-R Recommendations, Volume 2000 – BT Series – Part 3 .....	46
		ITU-R Recommendations, Volume 2000 – F Series – Part 1 (A).....	46

ITU-R Recommendations, Volume 2000 – F Series – Part 1 (B).....	46	ITU-R Report BO.2008-1 – Digital multiprogramme broadcasting by satellite.....	51
ITU-R Recommendations, Volume 2000 – F Series – Part 2 .....	46	ITU-R Report M.2031 – Compatibility between WDCMA 1800 downlink and GSM 1900 uplink..	53
ITU-R Recommendations, Volume 2000 – F Series – Part 3 .....	47	ITU-R Report M.2032 – Tests illustrating the compatibility between maritime radio-navigation radars and emissions from radio-location radars in the band 2 900-3 100 MHz.....	54
ITU-R Recommendations, Volume 2000 – M Series – Part 1 .....	47	ITU-R Report M.2034 – Impact of radar detection requirements of dynamic frequency selection on 5 GHz wireless access system receivers .....	54
ITU-R Recommendations, Volume 2000 – M Series – Part 2 .....	47	ITU-R Report SM.2012-1 – Economic Aspects of Spectrum Management.....	54
ITU-R Recommendations, Volume 2000 – M Series – Part 2, ITU-R Recommendation M.1457 .....	48	ITU-R Reports, 1995 – BO Series .....	51
ITU-R Recommendations, Volume 2000 – M Series – Part 3 .....	47	ITU-R Reports, 1995 – BS Series.....	51
ITU-R Recommendations, Volume 2000 – M Series – Part 4 .....	47	ITU-R Reports, 1995 – BT Series.....	52
ITU-R Recommendations, Volume 2000 – M Series – Part 5 .....	47	ITU-R Reports, 1995 – M Series – Part 1.....	52
ITU-R Recommendations, Volume 2000 – M Series – Part 6 .....	47	ITU-R Reports, 1995 – M Series – Part 3.....	53
ITU-R Recommendations, Volume 2000 – P Series – Part 1 .....	48	ITU-T Recommendations on CD-ROM.....	70
ITU-R Recommendations, Volume 2000 – P Series – Part 2 .....	48	ITU-T Recommendations on DVD-ROM.....	70
ITU-R Recommendations, Volume 2000 – S Series – Part 1 .....	49	ITU-T Recommendations Online .....	71
ITU-R Recommendations, Volume 2000 – S Series – Part 2 .....	49	ITU-T Sancho – (ITU-T Sector Abbreviations and definitions for a telecommunications thesaurus oriented database).....	82
ITU-R Recommendations, Volume 2000 – S Series – Part 3 .....	49		
ITU-R Recommendations, Volume 2000 – SF Series...	49	<b>J</b>	
ITU-R Recommendations, Volume 2000 – SM Series – Part 1 .....	49	Jointing of Plastic-Sheathed Cables .....	73
ITU-R Recommendations, Volume 2000 – SM Series – Part 2 .....	50	Jointing of Telecommunication Cable Conductors.....	73
ITU-R Recommendations, Volume 2000 – TF Series .....	50		
ITU-R Recommendations, Volume 2000 – RA Series.....	48	<b>L</b>	
ITU-R Recommendations, Volume 2000 – SA Series.....	49	Land Mobile (including Wireless Access) Volume 1: Fixed Wireless Access .....	58
ITU-R Recommendations, Volume 2000 – SNG Series .....	50	Land Mobile (including Wireless Access) Volume 2: Principles and Approaches on Evolution to IMT-2000/FPLMTS.....	58
ITU-R Recommendations, Volume 2000 – V Series .....	50	Lexicon of Telecommunication Terms .....	11
ITU-R Report BO.1227-2 – Satellite broadcasting systems of integrated services digital broadcasting .....	51	LF/MF system design .....	59
ITU-R Report BO.2007-1 – Considerations for the introduction of broadcasting satellite service high definition television systems .....	51	List IV – List of Coast Stations .....	40
		List of ITU-R Recommendations and Reports .....	43
		List of ITU-T Recommendations.....	70
		List V – List of Ship Stations .....	40
		List VI – List of Radiodetermination and Special Service Stations .....	40

## INDEX OF TITLES

List VII A – List of Call Signs and Numerical Identities of Stations Used by the Maritime Mobile and Maritime Mobile-Satellite Services.....	41
List VIII – List of International Monitoring Stations .....	41

### M

Manual for Use by the Maritime Mobile and Maritime Mobile-Satellite Services .....	38
Manual on Mobile Communications Development.....	33
Marinized Terrestrial Cables.....	72
Maritime Mobile Access and Retrieval System (MARS).....	41
Mobile-satellite service (MSS) .....	59

### N

National Spectrum Management.....	59
-----------------------------------	----

### O

OPERITU: Database on Telecommunication Operators and Service Providers in Developing Countries..	17
Optical Fibre System Planning Guide .....	71
Optical Fibres for Telecommunications .....	73
Outside Plant Technologies for Public Networks .....	72

### P

Protection of Telecommunication Buildings from Fire .....	72
Provisional List of Terms Constituting the ITU Terminology Base "TERMITE" – Volumes I and II.....	11

### R

Radio Astronomy .....	59
Radio Regulations – Volumes 1, 2, 3 and 4 .....	36
Radiometeorology.....	60
Radiowave Propagation Information for Predictions for Earth-to-Space Path Communications .....	60
Reforming the international accounting rate system – 1999 .....	19

Regional Telecommunication Development Conference for the Arab States (AR-RTDC-96) ...	15
Report ITU-R BO.2016 – BSS systems for the 40.5-42.5 GHz band.....	51
Report ITU-R BO.2019 – Interference calculation methods .....	51
Report ITU-R BO.2029 – Broadcasting-satellite service earth station antenna pattern measurements and related analyses.....	51
Report ITU-R BT.2017 – Stereoscopic Television MPEG-2 multi-view Profile .....	52
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 .....	52
Report ITU-R BT.2020-1 – Objective quality assessment technology in a digital environment .....	52
Report ITU-R BT.2025 – Progress on development and implementation of interactivity broadcasting systems and services .....	52
Report ITU-R BT.2035 – Guidelines and techniques for the evaluation of digital terrestrial television broadcasting systems.....	52
Report ITU-R M.2010-1 – Improved Efficiency in the Use of the Band 156-174 MHz by Stations in the Maritime Mobile Service.....	53
Report ITU-R M.2013 – Wind Profilers Radars.....	53
Report ITU-R M.2014 – Spectrum Efficient Digital L and Mobile Systems for Dispatch Traffic .....	53
Report ITU-R M.2023 – Spectrum Requirements for International Mobile Telecommunications-2000 (IMT-2000) .....	53
Report ITU-R M.2024 – Summary of spectrum usage survey results.....	53
Report ITU-R M.2026 – Adaptability of real zero single sideband technology to HF data communications .....	53
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 .....	53
Report ITU-R M.2033 – Radiocommunication objectives and requirements for public protection and disaster relief.....	54
Report ITU-R P.2011-1 – Propagation at Frequencies above the Basic MUF.....	54
Report ITU-R SM.2015 – Methods for determining national long-term strategies for spectrum utilization .....	54
Report ITU-R SM.2021 – Production and mitigation of intermodulation products in the transmitter .....	54

Report ITU-R SM.2022 – The effect on digital communications systems of interference from other modulation schemes .....	54	Telecommunication Policies for the Arab Region (The Arab Book) .....	23
Report ITU-R SM.2028-1 – Monte Carlo simulation methodology for the use in sharing and compatibility studies between different radio services or systems .....	55	Telecommunication Policies on CD-ROM.....	23
Report on the Activities of the International Telecommunication Union .....	2	Telecommunication Terminology Database (TERMITE) .....	11
Resolutions and Decisions of the Council of the International Telecommunication Union .....	3	Telecommunications in Action.....	12
Resolutions RA-2000.....	56	TERMITE (TERMInologie des TELécommunications) – French and Spanish Indexes .....	11
Resolutions RA-2003.....	56	Terrestrial land mobile radiowave propagation in the VHF/UHF bands .....	62
Rules of Procedure.....	38	Test Chart No. 4: Black and white facsimile Test Chart BW01 – High Quality (ITU-T Recommendation T.22).....	78
Rules of Procedure – Online subscription .....	38	Test Chart No. 4: Black and white facsimile Test Chart BW01 – Standard Quality (ITU-T Recommendation T.22).....	78
		Test Chart No. 5: Continuous tone facsimile Test Chart CT01 (ITU-T Recommendation T.22).....	78
<b>S</b>		Test Chart No. 6: 4-colour printing facsimile Test Chart 4CP01 (ITU-T Recommendation T.23).....	78
Satellite Communications (FSS).....	60	The African Green Paper: Telecommunication Policies for Africa .....	24
Second World Telemedicine Symposium for Developing Countries – Final Report .....	16	The Internet Story: ITU Internet Reports 1997-2003 ...	5
Selection and Use of Precise Frequency and Time Systems .....	60	The ITU New Initiatives Programme: Competition Policy in Telecommunications.....	7
Space Network Systems Online .....	41	The ITU New Initiatives Programme: Countering Spam .....	5
Space Radiocommunications Stations on CD-ROM (SRS on CD-ROM).....	42	The ITU New Initiatives Programme: Creating Trust in Critical Network Infrastructures.....	7
Space Research Communications.....	61	The ITU New Initiatives Programme: Economic and Regulatory Implications of Broadband .....	7
Spectrum Monitoring .....	61	The ITU New Initiatives Programme: Fixed-to-Mobile Interconnection.....	7
Standardized digitized image set on CD-ROM – (ITU-T Recommendation T.24).....	78	The ITU New Initiatives Programme: Internet Governance .....	6
Subjective Assessment Methodology in Television ....	61	The ITU New Initiatives Programme: Licensing of Third Generation (3G) Mobile.....	7
Supplement No. 1 to Handbook on Satellite Communications: Fixed-Satellite Service .....	60	The ITU New Initiatives Programme: Multilingual Domain Names .....	8
Supplement No. 2 to Handbook on Satellite Communications: Computer Programs for Satellite Communications.....	60	The ITU New Initiatives Programme: Promoting Broadband.....	6
Supplement No. 3 to Handbook on Satellite Communications: VSAT Systems and Earth Stations .....	60	The ITU New Initiatives Programme: Radio Spectrum Management for a Converging World .....	6
		The ITU New Initiatives Programme: Shaping the Future Mobile Information Society .....	6
<b>T</b>		The Preservation of Wooden Poles Carrying Overhead Telecommunication Lines .....	73
Table of Telegram Rates.....	68	The Protection of Telecommunication Lines and Equipment Against Lightning Discharges – Chapters 1 to 5.....	74
Technical Specifications of ITU-R Teletext Systems ....	62		
TELECOM Inter@active 99: Forum Proceedings and Who's Who .....	14		
Telecommunication Policies for the Americas (The Blue Book).....	23		

## INDEX OF TITLES

The Protection of Telecommunication Lines and Equipment Against Lightning Discharges – Chapters 6, 7 and 8.....	74
The Protection of Telecommunication Lines and Equipment Against Lightning Discharges – Chapters 9 and 10.....	74
Towards Universal Access: Strategic Approaches in Four Developing Countries .....	17
Training Development Guidelines.....	33
Trends in Economics and Finances Volume I: Cost, Tariff and Interconnection Rate – Calculation Methodology and Application to Case Studies .....	19
Trends in Telecommunication Reform 2003: Promoting Universal Access to ICTs – Practical tools for regulators.....	20
Trends in Telecommunication Reform 2002: Effective Regulation .....	20
Trends in Telecommunication Reform 2000-2001: Interconnection Regulation.....	20
Trends in Telecommunication Reform “Convergence and Regulation” .....	21
Trends in Telecommunication Reform: Country Profiles.....	21

## U

Use of Radio Spectrum for Meteorology.....	62
--	----

## V

Visions of the Information Society.....	4
---	---

## W

Windows Basic Automated Spectrum Management System (WinBASMS) .....	33
World Telecommunication Development Conference (WTDC-02): Final Report .....	15
World Telecommunication Development Report: Mobile cellular.....	27
World Telecommunication Development Report: Trade in Telecommunications .....	27
World Telecommunication Development Report: Universal Access.....	27
World Telecommunication Development Report: Access indicators for the Information Society ...	26
World Telecommunication Development Report: Reinventing Telecoms World Telecommunication Indicators .....	26
World Telecommunication Indicators 2000/2001 .....	26
World Telecommunication Indicators Database .....	27
World Telecommunication Indicators Database online .....	27
World Telecommunication Policy Forum IP Telephony.....	4
World Telecommunication Standardization Assembly (WTSA) – (The Orange Book): Book 1 .....	65
World Telecommunication Standardization Assembly (WTSA) – (The Orange Book): Book 2 .....	65

**Administrative Information**

Annual Report ..... 3

ITU: an overview ..... 11

ITU: Helping the world communicate..... 11

ITU: Membership Brochure ..... 10

ITU News..... 11

ITU Operational Bulletin (2004) (printed versions,  
electronic version and online service) ..... 66

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

Final Acts of the Regional Administrative Radio  
Conference for the Planning of VHF/UHF  
Television – Broadcasting in the African  
Broadcasting Area and Neighbouring Countries.. 36

Final Acts of the World Administrative Telegraph and  
Telephone Conference (WATTC-88) ..... 65

Resolutions and Decisions of the Council of the  
International Telecommunication Union..... 3

Resolutions RA-2000..... 56

Resolutions RA-2003..... 56

Rules of Procedure..... 38

Rules of Procedure – Online subscription ..... 38

World Telecommunication Standardization Assembly  
(WTSA) – (The Orange Book): Book 1 ..... 65

World Telecommunication Standardization Assembly  
(WTSA) – (The Orange Book): Book 2 ..... 65

**Amateur Radio**

Excerpts of ITU radiocommunication texts  
concerning the amateur service and amateur-  
satellite service ..... 38, 39

ITU-D Question 9/2 – Frequency agile systems in the  
MF/HF bands..... 31

ITU-D Question 9/2 – High Altitude Platform Stations:  
an opportunity to close the information gap ..... 31

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..... 31

ITU-D Question 9/2 – Recommendation: Effective  
utilization of the amateur services in disaster  
mitigation and relief operations ..... 32

ITU-D Question 12/2 – Examine broadband  
communications over traditional copper wires:  
Report on DSL technologies..... 32

**Broadcasting**

Annex to Volume X – Part 1: XVIIth Plenary Assembly  
of the CCIR..... 55

Annex to Volume X/XI – Part 2: XVIIth Plenary  
Assembly of the CCIR..... 55

Annex to Volume X/XI – Part 3: XVIIth Plenary  
Assembly of the CCIR..... 55

Annex to Volume XI – Part 1: XVIIth Plenary  
Assembly of the CCIR..... 55

Annex to Volume XII: XVIIth Plenary Assembly  
of the CCIR..... 55

BR International Frequency Information Circular  
(BR IFIC) ..... 39

BR International Frequency Information Circular  
(BR IFIC) Terrestrial Services only ..... 39

Compatibility between the Broadcasting Service in the  
Band of about 87-108 MHz and the Aeronautical  
Services in the Band 108-137 MHz..... 56

Digital Television Signals: Coding and Interfacing  
within Studios ..... 56

DSB Handbook  
Terrestrial and satellite digital sound broadcasting  
to vehicular, portable and fixed receivers in the  
VHF/UHF bands..... 57

DTTB Handbook  
Digital terrestrial television broadcasting in the  
VHF/UHF bands..... 57

HF Broadcasting System Design ..... 58

High Frequency Broadcasting Schedule on  
CD-ROM..... 39

ITU-R Recommendations, Supplement 1 to  
Volume 2000 – BO Series ..... 45

ITU-R Recommendations, Supplement 1 to  
Volume 2000 – BR Series..... 45

ITU-R Recommendations, Supplement 1 to  
Volume 2000 – BS-BT Series ..... 45

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 ..... 46

ITU-R Recommendations, Volume 2000 – BO Series .... 44

ITU-R Recommendations, Volume 2000 – BR Series .... 45

ITU-R Recommendations, Volume 2000 – BS Series –  
ITU-R Rec. BS.705-1, ITU-R Rec. BS.1195  
and ITU-R Rec. BS.1386 ..... 46

ITU-R Recommendations, Volume 2000 – BS Series –  
Part 1 ..... 45

## INDEX OF SUBJECTS

ITU-R Recommendations, Volume 2000 – BS Series – Part 2 .....	45
ITU-R Recommendations, Volume 2000 – BT Series – Part 1 .....	46
ITU-R Recommendations, Volume 2000 – BT Series – Part 2 .....	46
ITU-R Recommendations, Volume 2000 – BT Series – Part 3 .....	46
ITU-R Recommendations, Volume 2000 – M Series – Part 2, ITU-R Recommendation M.1457 .....	48
ITU-R Report BO.1227-2 – Satellite broadcasting systems of integrated services digital broadcasting .....	51
ITU-R Report BO.2007-1 – Considerations for the introduction of broadcasting satellite service high definition television systems .....	51
ITU-R Report BO.2008-1 – Digital multiprogramme broadcasting by satellite .....	51
ITU-R Reports, 1995 – BO Series .....	51
ITU-R Reports, 1995 – BS Series .....	51
ITU-R Reports, 1995 – BT Series .....	52
LF/MF system design .....	59
Report ITU-R BO.2016 – BSS systems for the 40.5-42.5 GHz band .....	51
Report ITU-R BO.2019 – Interference calculation methods .....	51
Report ITU-R BO.2029 – Broadcasting-satellite service earth station antenna pattern measurements and related analyses .....	51
Report ITU-R BT.2017 – Stereoscopic Television MPEG-2 multi-view Profile .....	52
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 .....	52
Report ITU-R BT.2025 – Progress on development and implementation of interactivity broadcasting systems and services .....	52
Report ITU-R BT.2035 – Guidelines and techniques for the evaluation of digital terrestrial television broadcasting systems .....	52
Subjective Assessment Methodology in Television .....	61
Technical Specifications of ITU-R Teletext Systems .....	62
The ITU New Initiatives Programme: Economic and Regulatory Implications of Broadband .....	7

### Bureaufax

Bureaufax Table .....	68
-----------------------	----

### Cabling

Application of Computers and Microprocessors to the Construction, Installation and Protection of Telecommunication Cables .....	73
CCITT Directives Concerning the Protection of Telecommunication Lines against Harmful Effects from Electric Power and Electrified Railway Lines: Volume I .....	74
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 .....	74
CCITT Directives Concerning the Protection of Telecommunication Lines against Harmful Effects from Electric Power and Electrified Railway Lines: Volume III .....	75
CCITT Directives Concerning the Protection of Telecommunication Lines against Harmful Effects from Electric Power and Electrified Railway Lines: Volume IV .....	75
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 .....	75
CCITT Directives Concerning the Protection of Telecommunication Lines against Harmful Effects from Electric Power and Electrified Railway Lines: Volume VI .....	75
CCITT Directives Concerning the Protection of Telecommunication Lines against Harmful Effects from Electric Power and Electrified Railway Lines: Volume VII .....	75
CCITT Directives Concerning the Protection of Telecommunication Lines against Harmful Effects from Electric Power and Electrified Railway Lines: Volume VIII .....	76
CCITT Directives Concerning the Protection of Telecommunication Lines against Harmful Effects from Electric Power and Electrified Railway Lines: Volume IX .....	76
Joining of Plastic-Sheathed Cables .....	73
Joining of Telecommunication Cable Conductors .....	73
Marinized Terrestrial Cables .....	72

### CHILL

CHILL Formal Definition – Volume I, Parts 1, 2, 3 .....	77
CHILL Formal Definition – Volume II, Part 4 .....	77
CHILL User Manual .....	77
Introduction to CHILL .....	77

**Development Policy**

African Regional Telecommunication Development Conference (AF-RTDC-96): Volume I..... 15

Investing in Telecommunications and ICTs in Developing Markets: Shifting the Paradigm..... 17

Regional Telecommunication Development Conference for the Arab States (AR-RTDC-96)..... 15

World Telecommunication Development Conference (WTDC-02): Final Report ..... 15

**Directory**

ITU Global Directory ..... 10

ITU Global Directory – Electronic Bookshop..... 10

ITU Global Directory on CD-ROM ..... 10

ITU Global Directory online ..... 10

**Discoveries**

Great Discoveries, Telecommunications ..... 12

**Distance Learning**

Final report of ITU-D Focus Group 7: New Technologies for Rural Applications..... 16

**Field Trials**

Guidelines for Preparing and Conducting Field Trials of Digital Switching Equipments..... 72

**Fixed Services**

ITU-R Recommendations, Supplement 1 to Volume 2000 – F Series – Parts 1(A), 1(B) and 2... 47

ITU-R Recommendations, Volume 2000 – F Series – Part 1 (A)..... 46

ITU-R Recommendations, Volume 2000 – F Series – Part 1 (B)..... 46

ITU-R Recommendations, Volume 2000 – F Series – Part 2 ..... 46

ITU-R Recommendations, Volume 2000 – F Series – Part 3 ..... 47

**Fixed-Satellite Service**

ITU-R Recommendations, Volume 2000 – S Series – Part 1 ..... 49

ITU-R Recommendations, Volume 2000 – S Series – Part 2 ..... 49

ITU-R Recommendations, Volume 2000 – S Series – Part 3 ..... 49

ITU-R Recommendations, Supplement 1 to Volume 2000 – S Series – Parts, 1, 2 and 3 ..... 49

**Frequency**

ITU-R Recommendations, Supplement 1 to Volume 2000 – TF Series ..... 50

ITU-R Recommendations, Volume 2000 – SF Series..... 49

ITU-R Recommendations, Volume 2000 – TF Series ..... 50

Report ITU-R P.2011-1 – Propagation at Frequencies above the Basic MUF ..... 54

Selection and Use of Precise Frequency and Time Systems ..... 60

**Human Resources**

ITU-D Question 5/2 – Human Resources Development and Management..... 30

Training Development Guidelines ..... 33

**Internet**

Challenges to the Network: Telecommunications and the Internet..... 25

Internet Diffusion in South East Asia..... 16

ITU Internet Reports: Birth of Broadband..... 4

ITU Internet Reports: Internet for a Mobile Generation 5

ITU Internet Reports: IP Telephony..... 5

ITU Internet Reports: The Portable Internet ..... 4

ITU-D Question 13/1 – Promotion of infrastructure and use of the Internet in developing countries..... 32

The Internet Story: ITU Internet Reports 1997-2003 ..... 5

**Interworking**

ITU-D Question 14/2 – Fostering the application of telecommunication in health care ..... 32

**ISDN**

ISDN Field Trial Guidelines .....72

**ITU Telecom Publications**

ITU TELECOM AFRICA – Exhibition Catalogue..... 12, 13

ITU TELECOM AFRICA: Forum Proceedings and Who’s Who ..... 12

ITU TELECOM AMERICAS – Exhibition Catalogue..... 14

ITU TELECOM AMERICAS: Forum Proceedings and Who’s Who ..... 14

ITU TELECOM ASIA – Exhibition Catalogue ..... 13

ITU TELECOM ASIA 2000: Forum Proceedings and Who’s Who ..... 14

TELECOM Inter@active 99: Forum Proceedings and Who’s Who ..... 14

ITU TELECOM ASIA: Forum Proceedings and Who’s Who ..... 13

## INDEX OF SUBJECTS

ITU TELECOM WORLD – Exhibition Catalogue.....	13	GMPCS Reference book .....	33
ITU TELECOM WORLD: Forum Proceedings and Who's Who .....	13	ITU-D Question 16/2 – Handbook on new technologies and new services Fascicle 1: New technologies supporting new networks .....	32
<b>Maintenance</b>		ITU-D Question 16/2 – Handbook on new technologies and new services Fascicle 2: Digital networks and services .....	33
Earthing and Bonding .....	73	ITU-R Recommendations, Supplement 1 to Volume 2000 – M Series – Parts 2, 3, 4 and 6 .....	48
Earthing of Telecommunication Installations.....	74	ITU-R Recommendations, Volume 2000 – M Series – Part 1 .....	47
The Protection of Telecommunication Lines and Equipment Against Lightning Discharges – Chapters 1 to 5.....	74	ITU-R Recommendations, Volume 2000 – M Series – Part 2 .....	47
The Protection of Telecommunication Lines and Equipment Against Lightning Discharges – Chapters 6, 7 and 8.....	74	ITU-R Recommendations, Volume 2000 – M Series – Part 3 .....	47
The Protection of Telecommunication Lines and Equipment Against Lightning Discharges – Chapters 9 and 10.....	74	ITU-R Recommendations, Volume 2000 – M Series – Part 4 .....	47
		ITU-R Recommendations, Volume 2000 – M Series – Part 5 .....	47
		ITU-R Recommendations, Volume 2000 – M Series – Part 6 .....	47
		ITU-R Report M.2031 – Compatibility between WDCMA 1800 downlink and GSM 1900 uplink....	53
<b>Maritime</b>		ITU-R Report M.2032 – Tests illustrating the compatibility between maritime radio- navigation radars and emissions from radio- location radars in the band 2900-3100 MHz.....	54
List IV – List of Coast Stations .....	40	ITU-R Report M.2034 – Impact of radar detection requirements of dynamic frequency selection on 5 GHz wireless access system receivers .....	54
List V – List of Ship Stations .....	40	ITU-R Reports, 1995 – M Series – Part 1.....	52
List VI – List of Radiodetermination and Special Service Stations .....	40	ITU-R Reports, 1995 – M Series – Part 3.....	53
List VII A – List of Call Signs and Numerical Identities of Stations Used by the Maritime Mobile and Maritime Mobile-Satellite Services.....	41	Land Mobile (including Wireless Access) Volume 1: Fixed Wireless Access .....	58
Manual for Use by the Maritime Mobile and Maritime Mobile-Satellite Services .....	38	Land Mobile (including Wireless Access) Volume 2: Principles and Approaches on Evolution to IMT-2000/FPLMTS.....	58
Maritime Mobile Access and Retrieval System (MARS) .....	41	Manual on Mobile Communications Development.....	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.....	53	Report ITU-R M.2023 – Spectrum Requirements for International Mobile Telecommunications- 2000 (IMT-2000) .....	53
		Report ITU-R M.2033 – Radiocommunication objectives and requirements for public protection and disaster relief.....	54
		The ITU New Initiatives Programme: Fixed-to-Mobile Interconnection.....	7
		The ITU New Initiatives Programme: Licensing of Third Generation (3G) Mobile.....	7
<b>Measurement</b>			
Addition to Section 2.3 of the Handbook on Telephonometry .....	77		
Addition to Section 3 of the Handbook on Telephonometry .....	77		
Additions to the Handbook on Telephonometry.....	76		
Compendium of Cable Measurement Methods.....	77		
Handbook on interference measuring techniques .....	76		
Handbook on Telephonometry.....	76		
Report ITU-R BT.2020-1 – Objective quality assessment technology in a digital environment .....	52		
<b>Mobile Communications</b>			
Annexes to Volume VIII: XVIIth Plenary Assembly of the CCIR .....	55		
Deployment of IMT-2000 Systems .....	36		

**Mobile services and multdestination satellite services**

Mobile-satellite service (MSS) ..... 59

**Networking**

Frequency-adaptive communication systems and networks in the MF/HF bands ..... 57

Handbook on Quality of Service and Network Performance..... 71

Introduction of New Technology in Local Network ..... 72

Outside Plant Technologies for Public Networks ..... 72

The ITU New Initiatives Programme: Competition Policy in Telecommunications..... 7

The ITU New Initiatives Programme: Countering Spam ..... 5

The ITU New Initiatives Programme: Creating Trust in Critical Network Infrastructures..... 7

The ITU New Initiatives Programme: Internet Governance ..... 6

The ITU New Initiatives Programme: Promoting Broadband..... 6

The ITU New Initiatives Programme: Radio Spectrum Management for a Converging World ..... 6

The ITU New Initiatives Programme: Shaping the Future Mobile Information Society ..... 6

The Preservation of Wooden Poles Carrying Overhead Telecommunication Lines ..... 73

Visions of the Information Society..... 4

**Optical fibre**

Construction, Installation, Jointing and Protection of Optical Fibre Cables..... 73

Optical Fibre System Planning Guide ..... 71

Optical Fibres for Telecommunications ..... 73

**Protection and restoration of transmission systems**

Protection of Telecommunication Buildings from Fire ..... 72

**Radio Astronomy**

ITU-R Recommendations, Supplement 1 to Volume 2000 – RA Series..... 49

ITU-R Recommendations, Volume 2000 – RA Series..... 48

Radio Astronomy ..... 59

**Radio Regulations**

Final Acts of the World Radiocommunication Conference (WRC-2003) ..... 35

Final Acts of the World Radiocommunication Conference (WRC-2000) ..... 35

Final Acts of the World Radiocommunication Conference (WRC-97) ..... 35, 36

Final Acts of the World Radiocommunication Conference (WRC-95) ..... 36, 37

Radio Regulations – Volumes 1, 2, 3 and 4 ..... 36

**Radiometeorology**

Radiometeorology..... 60

Use of Radio Spectrum for Meteorology..... 62

**Radio-Relay**

Digital Radio-Relay Systems ..... 56

**Radiowave Propagation**

Annex to Volume V: XVIIth Plenary Assembly of the CCIR ..... 55

Annex to Volume VI: XVIIth Plenary Assembly of the CCIR ..... 55

Curves for Radiowave Propagation over the Surface of the Earth ..... 56

Ionosphere and its Effects on Terrestrial and Earth-to-Space Radiowave Propagation from VLF to SHF ..... 58

ITU-R Recommendations, Supplement 1 to Volume 2000 – P Series – Parts 1 and 2 ..... 48

ITU-R Recommendations, Volume 2000 – P Series – Part 1 ..... 48

ITU-R Recommendations, Volume 2000 – P Series – Part 2 ..... 48

Radiowave Propagation Information for Predictions for Earth-to-Space Path Communications..... 60

Terrestrial land mobile radiowave propagation in the VHF/UHF bands..... 62

**Rural Telecommunications**

Towards Universal Access: Strategic Approaches in Four Developing Countries ..... 17

**Satellite Communications**

ITU-R Recommendations, Volume 2000 – SNG Series ..... 50

Satellite Communications (FSS)..... 60

Supplement No. 1 to Handbook on Satellite Communications: Fixed-Satellite Service ..... 60

Supplement No. 2 to Handbook on Satellite Communications: Computer Programs for Satellite Communications..... 60

## INDEX OF SUBJECTS

Supplement No. 3 to Handbook on Satellite Communications: VSAT Systems and Earth Stations.....	60
--	----

### Signalling Systems

Guidelines for Implementing a Signalling System No. 7 Network.....	72
--	----

### Space

BR International Frequency Information Circular (BR IFIC) Space Services.....	39
ITU-R Recommendations, Volume 2000 – SA Series.....	49
Space Network Systems Online .....	41
Space Radiocommunications Stations on CD-ROM (SRS on CD-ROM).....	42
Space Research Communications.....	61

### Spectrum Management

Computer-aided Techniques for Spectrum Management.....	56
ITU Digitized World Map (IDWM) and Subroutine Library (32-bit) .....	63
ITU-R Recommendations, Supplement 1 to Volume 2000 – SM Series – Parts 1 and 2.....	50
ITU-R Recommendations, Volume 2000 – SM Series – Part 1 .....	49
ITU-R Recommendations, Volume 2000 – SM Series – Part 2 .....	50
ITU-R Report SM.2012-1 – Economic Aspects of Spectrum Management.....	54
List VIII – List of International Monitoring Stations .....	41
National Spectrum Management.....	59
Report ITU-R M.2013 – Wind Profilers Radars.....	53
Report ITU-R M.2014 – Spectrum Efficient Digital Land Mobile Systems for Dispatch Traffic .....	53
Report ITU-R M.2024 – Summary of spectrum usage survey results.....	53
Report ITU-R M.2026 – Adaptability of real zero single sideband technology to HF data communications .....	53
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 .....	53
Report ITU-R SM.2015 – Methods for determining national long-term strategies for spectrum utilization .....	54
Report ITU-R SM.2021 – Production and mitigation of intermodulation products in the transmitter .....	54

Report ITU-R SM.2022 – The effect on digital communications systems of interference from other modulation schemes .....	54
Report ITU-R SM.2028-1 – Monte Carlo simulation methodology for the use in sharing and compatibility studies between different radio services or systems .....	55
Spectrum Monitoring.....	61
Windows Basic Automated Spectrum Management System (WinBASMS) .....	33

### Standards

Distribution of ITU-T Recommendations.....	71
Guide to the use of ITU-T Publications produced by Study Group 5 aimed at achieving Electromagnetic Compatibility and Safety .....	74
IMT-2000: Special Edition .....	36
ITU-R Recommendations – Electronic Bookshop.....	44
ITU-R Recommendations and Reports on CD-ROM .....	43
ITU-R Recommendations and Reports Online.....	44
ITU-T Recommendations on CD-ROM.....	70
ITU-T Recommendations on DVD-ROM.....	70
ITU-T Recommendations Online .....	71
List of ITU-R Recommendations and Reports .....	43
List of ITU-T Recommendations.....	70

### Statistics

African Telecommunication Indicators .....	24
Americas Telecommunication indicators.....	24
Arab States Telecommunication Indicators .....	25
Asia-Pacific Telecommunication Indicators .....	25
Challenges to the Network: Internet for Development.....	25
ITU Yearbook of Statistics – Telecommunication Services 1992-2001.....	28
ITU Yearbook of Statistics – Telecommunication Services 1993-2002.....	28
World Telecommunication Indicators 2000/2001 .....	26
World Telecommunication Indicators Database.....	27
World Telecommunication Indicators Database online .....	27

### Telecommunication Development

Issues in Telecommunications Development Volume I: Finance and Trade.....	18
---	----

Issues in Telecommunications Development Volume II: Reforming the international accounting rate system Part I – Overview Part II – Case Studies .....	18	World Telecommunication Development Report: Reinventing Telecoms World Telecommunication Indicators .....	26
ITU-D Question 1/1 – Role of Telecommunications in Economic, Social and Cultural Development .....	29	World Telecommunication Development Report: Trade in Telecommunications .....	27
ITU-D Question 1/2 – Special Concerns of Developing Countries in Relation to the Work of the Radiocommunication and Telecommunication Standardization Sectors .....	29	World Telecommunication Development Report: Universal Access.....	27
ITU-D Question 2/1 – Telecommunication Policies and their Repercussions at the Level of Institutional, Regulatory and Operational Aspects of Services .....	29	<b>Telecommunication Finance</b>	
ITU-D Question 2/2 – Economic, organizational and regulatory aspects of national spectrum management (Preparation of handbooks for developing countries) .....	30	COSITU Version 1.0 SP1 – Software for the Calculation of Costs, Tariffs and Rates for Telephone Services .....	19
ITU-D Question 2/2 – New developments in rural telecommunications (Preparation of handbooks for developing countries) .....	29	Financial Institutions Offering Resources for Telecommunication Projects and Technical Assistance in Developing Countries .....	18
ITU-D Question 3/1 – Impact of the Introduction and Utilization of New Technologies on the Commercial and Regulatory Environment of Telecommunications .....	30	Trends in Economics and Finances Volume I: Cost, Tariff and Interconnection Rate – Calculation Methodology and Application to Case Studies .....	19
ITU-D Question 3/2 – Planning, Management Operation, and Maintenance of Telecommunication Networks .....	30	<b>Telecommunication Policy</b>	
ITU-D Question 4/1 – Policies and Ways for Financing Telecommunication Infrastructures in Developing Countries .....	30	ITU-D Reports on Questions and Recommendations – Study Groups 1 and 2 .....	28, 29
ITU-D Question 4/2 – Communications for Rural and Remote Areas .....	30	ITU-D Question 7/1 – Universal access/service .....	31
ITU-D Question 6/2 – Impact of Telecommunications in Health-care and Other Social Services .....	31	ITU-D Questions – Recommendation .....	29
ITU-D Question 7/2 – Telecommunication Support for the Protection of the Environment .....	31	ITU-D Questions – Recommendations .....	29
ITU-D Question 8/2 – Public Service Broadcasting Infrastructure in Developing Countries.....	31	Telecommunication Policies for the Americas (The Blue Book).....	23
ITU-D Question 16/2 – Handbook on disaster communications .....	32	Telecommunication Policies for the Arab Region (The Arab Book) .....	23
OPERITU: Database on Telecommunication Operators and Service Providers in Developing Countries....	17	Telecommunication Policies on CD-ROM.....	23
Reforming the international accounting rate system – 1999.....	19	The African Green Paper: Telecommunication Policies for Africa.....	24
Telecommunications in Action.....	12	The ITU New Initiatives Programme: Multilingual Domain Names .....	8
World Telecommunication Development Report: Access indicators for the Information Society .....	26	World Telecommunication Policy Forum IP Telephony..	4
World Telecommunication Development Report: Mobile cellular.....	27	<b>Telecommunication Regulation</b>	
		Collection of General Trends in Telecommunication Reform .....	23
		Colloquium No. 1 – Options for Regulatory Processes and Procedures in Telecommunications.....	8
		Colloquium No. 2 – Universal Service and Innovation: Fostering Linked Goals through Regulatory Policy .....	8
		Colloquium No. 3 – Global Mobile Personal Communications Systems (GMPCS) .....	8
		Colloquium No. 4 – Interconnection: Regulatory Issues.....	8
		Colloquium No. 5 – Trade Agreements on Telecommunications: Regulatory Implications.....	8

## INDEX OF SUBJECTS

Colloquium No. 6 – Regulatory Implications of Telecommunications Convergence .....	9
Colloquium No. 7 – Transforming Economic Relationships in International Telecommunications .....	9
Colloquium No. 8 – Telecommunications Regulatory Issues for Electronic Commerce .....	9
General Trends in Telecommunication Reform “World”: Volume I .....	21
General Trends in Telecommunication Reform “Africa”: Volume II .....	21
General Trends in Telecommunication Reform “Americas”: Volume III .....	22
General Trends in Telecommunication Reform “Arab States”: Volume IV .....	22
General Trends in Telecommunication Reform “Asia Pacific”: Volume V .....	22
General Trends in Telecommunication Reform “Europe”: Volume VI .....	22
Trends in Telecommunication Reform “Convergence and Regulation” .....	21
Trends in Telecommunication Reform 2003: Promoting Universal Access to ICTs – Practical tools for regulators .....	20
Trends in Telecommunication Reform 2002: Effective Regulation .....	20
Trends in Telecommunication Reform 2000-2001: Interconnection Regulation .....	20
Trends in Telecommunication Reform: Country Profiles .....	21

### Telegram

Table of Telegram Rates .....	68
-------------------------------	----

### Telemedicine

First World Telemedicine Symposium for Developing Countries .....	16
Second World Telemedicine Symposium for Developing Countries – Final Report .....	16

### Telephone Tariffs

Direction of Traffic: Trading Telecom Minutes .....	27
Direction of Traffic: Trading Telecom Minutes – Report .....	27
Instructions for the International Telephone Service .....	71

### Terminology

ITU-R Recommendations, Volume 2000 – V Series .....	50
ITU-T Sancho – (ITU-T Sector Abbreviations and definitions for a telecommunications Thesaurus Oriented database) .....	82
Lexicon of Telecommunication Terms .....	11
Provisional List of Terms Constituting the ITU Terminology Base “TERMITE” – Volumes I and II .....	11
Telecommunication Terminology Database (TERMITE) .....	11
TERMITE (TERMInologie des TELécommunications) – French and Spanish Indexes .....	11

### Test Chart

Standardized digitized image set on CD-ROM – (ITU-T Recommendation T.24) .....	78
Test Chart No. 4: Black and white facsimile Test Chart BW01 – High Quality (ITU-T Recommendation T.22) .....	78
Test Chart No. 4: Black and white facsimile Test Chart BW01 – Standard Quality (ITU-T Recommendation T.22) .....	78
Test Chart No. 5: Continuous tone facsimile Test Chart CT01 (ITU-T Recommendation T.22) .....	78
Test Chart No. 6: 4-colour printing facsimile Test Chart 4CP01 (ITU-T Recommendation T.23) .....	78

### Transmission

Handbook on Transmission Planning .....	72
---	----

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