

ITU Publications

Catalogue

2025



Catalogue of ITU publications

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Catalogue of ITU 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.

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1.1 General

1865 Paris: The Birth of the Union

2015

On 17 May 1865, after two-and-a-half months of negotiations, the first real International Telegraph Convention was signed in Paris by its 20 founding members, thus creating the International Telegraph Union (predecessor of ITU). This first international convention provided a framework to standardize telegraphy equipment, set uniform operating instructions and laid down common international tariff and accounting rules. This publication describes the environment that led to the founding of ITU in 1865 and provides a fascinating look at the world of communications technologies 150 years ago and how many of the challenges that led to its creation remain today.



MEDIA	PRICE CHF	LANGUAGE	ARTICLE	ISBN	PAGES
	71.-	E	39914	978-92-61-15681-7	94
		F	39915	978-92-61-15682-4	94
		S	39916	978-92-61-15683-1	94
		A	39917	978-92-61-15686-2	94
		C	39918	978-92-61-15685-5	94
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The ICT Opportunity for a Disability-Inclusive Development Framework

2013

This publication contributes to a better understanding of the extent to which ICTs can enable and accelerate the social and economic inclusion of persons with disabilities. It lists challenges that are still to be addressed while outlining concrete actions to be undertaken by each group of stakeholders and a set of indicators to help measure progress towards the achievement of a disability-inclusive post-2015 development agenda and framework. The report is the result of collaborative input from the UN Broadband Commission for Digital Development, the Global Initiative for Inclusive ICTs, the International Disability Alliance, ITU, Microsoft, the Telecentre.org Foundation and UNESCO. For more information, please visit www.itu.int/accessibility.

MEDIA	PRICE CHF	LANGUAGE	ARTICLE	ISBN	PAGES
	31.- Single ed.	E	38797	978-92-61-14551-4	78
	31.-	E			



1.2 Conference Publications



Collection of the Basic Texts of the International Telecommunication Union adopted by the Plenipotentiary Conference
2022

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.

MEDIA	PRICE CHF	LANGUAGE	ARTICLE	ISBN	PAGES
	196.-	E	44948	978-92-61-36621-6	
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		S	44950	978-92-61-36623-0	
		A	44951	978-92-61-36626-1	
		C	44952	978-92-61-36625-4	
		R	44953	978-92-61-36624-7	
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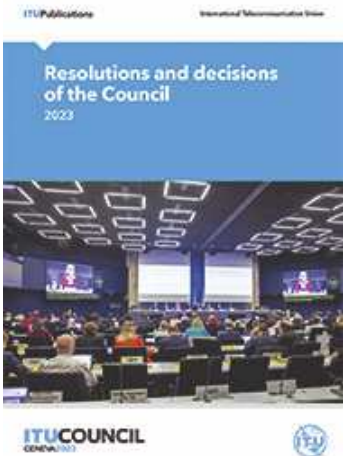
8



NEW

Resolutions and Decisions of the Council of the International Telecommunication Union 2024
2024

MEDIA	PRICE CHF	LANGUAGE	ARTICLE	ISBN	PAGES
	Free	E			



Resolutions and Decisions of the Council of the International Telecommunication Union 2023
2023



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).

MEDIA	PRICE CHF	LANGUAGE	ARTICLE	ISBN	PAGES
	Free	E			
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Final Acts of the Plenipotentiary Conference

2022

Decisions, Resolutions and Recommendations abrogated, adopted or revised by the Plenipotentiary Conference (Bucharest, 2022). The Constitution and the Convention have not been amended by the Plenipotentiary Conference (Bucharest, 2022).

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	127.-	E	45062	978-92-61-36581-3	
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		S	45064	978-92-61-36583-7	
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1.3 Policy and Market Analysis

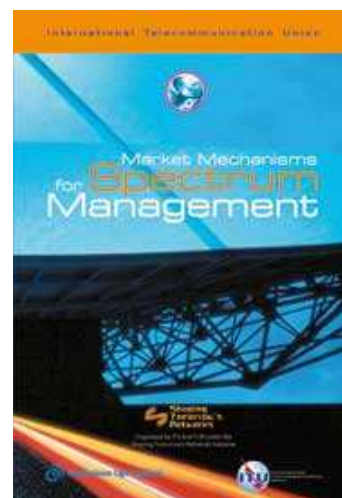
Shaping Tomorrow's Networks

Market Mechanisms for Spectrum Management

2007

This brochure summarizes the results of a workshop on Market Mechanisms for Spectrum Management held in Geneva, Switzerland, from 22 to 23 January 2007. It was prepared by the Strategy and Policy Unit (SPU) on the basis of specially prepared background papers, case studies, input documents and contributions to the workshop. The enclosed CD-ROM contains the background materials and documents of the workshop, as well as a wide range of background resources related to spectrum management.

MEDIA	PRICE CHF	LANGUAGE	ARTICLE	ISBN	PAGES
	68.-	E	30512	92-61-12131-4	



Tomorrow's Networks Today

2005

"This report aims to highlight the most important issues and concerns raised during presentations and open discussions. It intends also to provide a concise overview of the benefits and drawbacks of a possible migration towards tomorrow's networks." This brochure summarizes the results of a workshop on Tomorrow's Networks Today, held in Saint Vincent (Aosta), Italy from 7 to 8 October 2005. It was prepared by the Strategy and Policy Unit (SPU) on the basis of specially prepared case studies, input documents and contributions to the workshop. The CD-Rom contains the background materials and documents of the workshop as well as a wide range of background resources related to tomorrow's networks.

MEDIA	PRICE CHF	LANGUAGE	ARTICLE	ISBN	PAGES
	65.-	E	28664	92-61-11641-8	






Publications in the context of the World Summit on the Information Society (WSIS)



Report on the World Summit on the Information Society Stocktaking 2005



The WSIS Stocktaking is intended to fulfil the dual purpose of providing an inventory of activities undertaken by governments and all stakeholders in implementing the Geneva decisions (WSIS Declaration of Principles and Plan of Action) and of taking stock of the progress made in building the Information Society. The report has been specially prepared for the Tunis phase of the Summit, 16-18 November 2005.

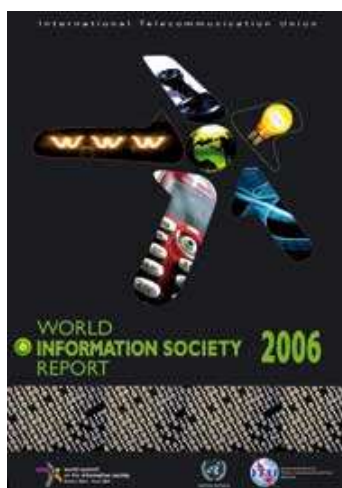
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	40.-	E	27702		84
		F	27703		84
	40.-	E			
		F			
	40.-	E, F	27879	92-61-11357-5	



World Information Society Report 2007: Beyond WSIS 2007



The second edition of the World Information Society Report, published by ITU and UNCTAD, looks beyond WSIS to the creation of an inclusive, people-centred and development-oriented Information Society, open to all. The opening chapter looks at the challenges of measuring the ICT sector while chapter two examines progress in bridging the digital divide. Chapter three focuses on emerging trends in the information society worldwide and chapter four looks at national ICT strategies. Chapter five considers the threats to cybersecurity, while chapter six provides an update on WSIS implementation and presents a number of ICT success stories across the world. When purchased, the report is accompanied by a series of tables providing the latest statistics on the development of ICTs worldwide.

MEDIA	PRICE CHF	LANGUAGE	ARTICLE	ISBN	PAGES
	105.-	E	30655	92-61-12151-9	212
	105.-	E			



World Information Society Report 2006 2006



The second edition of the World Information Society Report: Beyond WSIS, published by ITU and UNCTAD, looks beyond the World Summit on the Information Society (WSIS, Geneva 2003 - Tunis 2005) to the creation of an inclusive, people-centred and development-oriented Information Society, open to all. The report tracks progress in digital opportunity for 181 economies over the past few years since the start of the WSIS process and is accompanied by a series of tables providing the latest statistics on the development of Information and Communication Technologies (ICTs) worldwide. The report has been created by the "Digital Opportunity Platform", an open multi-stakeholder platform with contributions from governments, private sector, academics and civil society, as well as inter-governmental organisations.

MEDIA	PRICE CHF	LANGUAGE	ARTICLE	ISBN	PAGES
	100.-	E	28974	92-61-11671-X	156
	100.-	E			

ITU WSIS Thematic Meeting: Building Digital Bridges

2005

This report looks at efforts by stakeholders at the local, national and international level to bridge the digital divide. It reviews the role of new technologies, multi-stakeholder partnerships and ICT indices in reducing the gap, taking an in-depth look at the cases of Australia, Hong Kong, India, Korea (Rep. of) and Malaysia. The report also proposes a methodology for the development of a composite Digital Opportunity Index (DOI).

MEDIA	PRICE CHF	LANGUAGE	ARTICLE	ISBN	PAGES
	65.-	E	27537	92-61-11321-4	474
	65.-	E			



World Summit on the Information Society – Golden Book for the Tunis Phase

2005

The Golden Book is intended to promote new commitments in the field of ICTs that stakeholders have announced during the Tunis Phase of the WSIS. Launched in October 2005, the Golden Book brings together new initiatives, which complement those already underway and recorded in the WSIS stocktaking database.

MEDIA	PRICE CHF	LANGUAGE	ARTICLE	ISBN	PAGES
	30.-	E	28434	92-61-11541-1	44





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ITU WSIS Thematic Meeting: 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.

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	65.-	E R	25264 27312	92-61-10751-6 92-61-10754-0	284 284
	65.-	E R			





Visions of the Information Society

2003

This book is aimed at presenting the major questions and challenges facing most societies in today's world. While we have endeavoured to present the themes at a level that is widely accessible, we hope that the high level of expertise makes this publication a useful contribution to people from all fields of specialization wishing to gain better insights into the benefits, challenges and risks of our information societies today and in the future. 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.

MEDIA	PRICE CHF	LANGUAGE	ARTICLE	ISBN	PAGES
	60.-	E	23631	92-61-10391-X	144
		C	30204	92-61-10395-2	150
		R	25809	92-61-10394-4	150



Publications in the Context of the World Summit on the Information Society (WSIS) 2005-2016

2017

The World Summit on the Information Society Forum (WSIS) represents the world's largest annual gathering of the ICT for development community and facilitates the implementation of the WSIS Action Lines for advancing sustainable development. The information contained in this USB Key is a collection of WSIS actions which provides all the documents on outcomes, outreach, forum, reports and success stories from 2005 to 2016.



MEDIA	PRICE CHF	LANGUAGE	ARTICLE	ISBN	PAGES
	25.-	E	41353	978-92-61-24551-1	

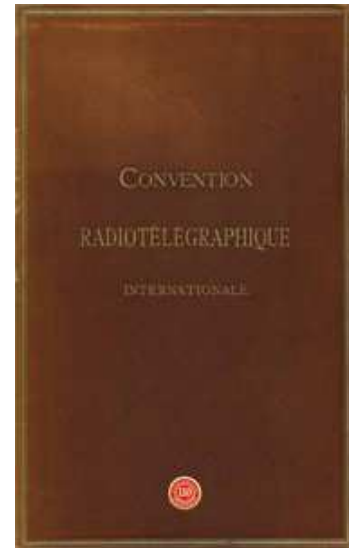
2.1 General Publications

Convention Radiotélégraphique internationale

Commemorative 110th Anniversary Edition

This is a commemorative reproduction of the first edition of the International Radio Telegraph Convention, issued on the occasion of the 110th anniversary of the ITU Radio Regulations in 2016. The Convention recognized the importance of radio for the safety-of-life at sea and adopted a distinctive distress signal: SOS. It was signed in Berlin in 1906, at which time the Final Protocol, Service Regulations, and the Additional Agreement providing for obligatory intercommunication between ships without distinction as to the system used were also approved.

MEDIA	PRICE CHF	LANGUAGE	ARTICLE	ISBN	PAGES
	24.-	F	40847	978-92-61-22221-5	44
	Free	F			





2.2 Regulatory Publications

The legal framework of ITU comprises the basic instruments of the Union, which have treaty status and are binding on ITU Member States. These instruments are the Constitution and Convention of the International Telecommunication Union and the Administrative Regulations, which complement the Constitution and the Convention.

Rules of Procedure

2021

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.

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	Free	E			
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		A			
		C			
		R			



2.3 Conference Publications

The Final Acts record the decisions taken at World Radiocommunication Conferences or Regional Radiocommunication Conferences. 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. The Final Acts of Regional Conferences normally contain Regional Agreements and Plans annexed to these Agreements.

World Radiocommunication Conferences

Final Acts WRC-23

2023

The Final Acts WRC-23 constitute a record of the decisions taken at the World Radiocommunication Conference 2023 (WRC-2023) that comprises both the new and revised provisions of the Radio Regulations, including all Appendices, and the new and revised Resolutions and Recommendations approved by the Conference.



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	Free	E F S A C R			

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Regional Radiocommunication Conferences

Final Acts RRC-06, RRC-06-Rev.ST61 and RRC-06-Rev.GE89, on CD-ROM

2006

This publication contains the Regional Agreement GE06, adopted by RRC-06, as well as the Resolutions adopted by RRC-06-Rev.ST61 and the Resolutions adopted by RRC-06-Rev.GE89.



MEDIA	PRICE CHF	LANGUAGE	ARTICLE	ISBN	PAGES
	150.-	E, F, S, A, R	29312	92-61-11727-9	

Report of the CPM to the WRC-23

The CPM Report to the 2023 World Radiocommunication Conference (WRC-23) was prepared in response to ITU Council Resolution 1399 (C20), to assist those involved in the preparations of WRC-23. This Report, prepared and approved by the Conference Preparatory Meeting (CPM) at its Second Session in Geneva (27 March to 6 April 2023), represents the best information on technical, operational and regulatory/procedural issues relevant to the WRC-23 Agenda available at the time of its preparation and should provide a good basis for the discussions at the Conference. To read more about CPM 2023, please see ITU-R's information pages



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2.4 Service Publications

ITU-R Handbooks constitute an authoritative source of technical material relating to radiocommunications that disseminates information in a form that is readily understandable and that can be applied practically, especially in the training of technicians and engineers, while paying special attention to the requirements of developing countries.

Maritime Publications

List V - List of Ship Stations and Maritime Mobile Service Identity Assignments

2025

List V is published annually, as per the Radio Regulations this publication shall be provided to all ship stations for which a Global Maritime Distress and Safety System (GMDSS) installation is required by international agreement. List V incorporates a searchable database of over nine hundred thousand ships. It contains details of Maritime Mobile Service Identities for search and rescue aircraft, coast stations, and groups of ship stations. It also provides contact information for accounting authorities and notifying administrations. This publication is available for purchase here ITU ShopVessels should begin to have this edition onboard by July 2025. What's New in the 2025 Edition: New Digital Format: All ITU Maritime Service Publications are now available in a digital format. Users can download and access publications through a desktop application designed for ease of use and enhanced search capabilities. CD / USB Formats: While the digital format is now the primary method of distribution, USB and CD-ROM format are still available. For more details, visit the formats page. Registering your digital or physical publication (QR code scan), it generates a certificate valid for port inspections. Official Announcement: For more insights, refer to the Official Announcement. Next edition will be released in April 2026.

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	354.-	E, F, S, A, C, R	45702	978-92-61-39737-1	



NEW

List V - List of Ship Stations and Maritime Mobile Service Identity Assignments

2024

List V is published annually, as per the Radio Regulations this publication shall be provided to all ship stations for which a Global Maritime Distress and Safety System (GMDSS) installation is required by international agreement. List V incorporates a searchable database of over nine hundred thousand ships. It contains details of Maritime Mobile Service Identities for search and rescue aircraft, coast stations, and groups of ship stations. It also provides contact information for accounting authorities and notifying administrations. The 2024 edition is available for purchase. Vessels should begin to have this edition onboard by July 2024. 2024 Edition Upgrade: Users can now download and access the new desktop application by scanning the QR code on your CD and registering. Note: - The official ITU publication CD should be available onboard for ship inspection purposes. - The ITU logo is not longer displayed on the reverse side of the CD. Image of the CD's reverse side. Next edition will be released in April 2025.

MEDIA	PRICE CHF	LANGUAGE	ARTICLE	ISBN	PAGES
	354.-	E, F, S, A, C, R	45533	978-92-61-38247-6	





List IV - List of Coast Stations and Special Service Stations

2023

List IV contains important information for the mariner in relation to radiocommunications, including the GMDSS (Global Maritime Distress and Safety System). Detailed information such as the frequencies for transmitting and receiving, in addition to geographical coordinates, is provided for maritime coast radio stations, including those assuming watch-keeping using digital selective calling (DSC) techniques and radiotelephony. List IV also supplies details of additional services such as medical advice, navigational and meteorological warnings, MSI (Maritime Safety Information), AIS (Automatic Identification System), meteorological bulletins and radio time signals, along with the hours of service and operational frequencies, information on port stations, pilot stations, coast Earth stations, VTS stations, contact information of RCC (Rescue Coordination Centers), SAR agencies, Navarea coordinators and AtoNs (AIS Aids to Navigation). As stipulated in Appendix 16 to the RR, this List shall be provided to all ship stations for which a Global Maritime Distress and Safety System (GMDSS) installation is required by international agreement. The 2023 edition is available for purchase. Note: List IV exists in CD format only. Vessels should register their official CD by scanning their unique QR code. Next edition: 4th Quarter 2025.

MEDIA	PRICE CHF	LANGUAGE	ARTICLE	ISBN	PAGES
	234.-	E, F, S, A, C, R	45444	978-92-61-37917-9	



General Publications



BR Space Services WIC/IFIC - Annual Collection

2021

The collection of BR WICs (Weekly Information Circulars) and BR IFICs (International Frequency Information Circulars) for Space Services contains Parts and Special Section publications with information on the frequency assignments for space stations, Earth stations or radioastronomy stations submitted to the Radiocommunication Bureau by ITU Member State administrations. The collection is distributed on multiple DVD-ROMs and contains archived BR WICs compiled by time series (1965-1995) and from 1996 by year (1996-1999), and archived BR IFICs (from 2000 onwards) by year.

MEDIA	PRICE CHF	LANGUAGE	ARTICLE	ISBN	PAGES
	9940.-	E, F, S	33648		
	500.-	E, F, S, A, C, R	44836	978-92-61-36117-4	



List VIII - List of International Monitoring Stations

2022

This List contains: 1) the addresses and other relevant information of centralizing offices and an index of monitoring stations; 2) particulars of monitoring stations carrying out the following measurements related to terrestrial radiocommunication stations: frequency measurements, field strength or power flux-density measurements, direction-finding measurements, bandwidth measurements as well as automatic spectrum occupancy surveys; and 3) particulars of monitoring stations carrying out measurements related to space radiocommunication stations. This publication also contains an electronic map of monitoring stations and geographical zones for HF broadcasting (CIRAF zones). The 2022 CD version will be available to order in January 2023. Direct download will be free of charge for ITU (TIES) members only.

MEDIA	PRICE CHF	LANGUAGE	ARTICLE	ISBN	PAGES
	90.-	E, F, S, A, C, R	45095	978-92-61-36927-9	

2.5 ITU-R Recommendations

ITU-R Recommendations constitute a set of international technical standards developed by the Radiocommunication Sector (formerly CCIR) of the ITU. They are the result of studies undertaken by Radiocommunication Study Groups on:

- the use of a vast range of wireless services, including popular new mobile communication technologies;
- the management of the radio-frequency spectrum and satellite orbits;
- the efficient use of the radio-frequency spectrum by all radiocommunication services;
- terrestrial and satellite radiocommunication broadcasting;
- radiowave propagation;
- systems and networks for the fixed-satellite service, for the fixed service and the mobile service;
- space operation, Earth exploration-satellite, meteorological-satellite and radio astronomy services.

ITU-R Recommendations are approved by ITU Member States. Their implementation is not mandatory; however, as they are developed by experts from administrations, operators, the industry and other organizations dealing with radiocommunication matters from all over the world, they enjoy a high reputation and are implemented worldwide.

(*Free online access to current ITU-R Recommendations is provided on a trial basis to ITU Member States administrations, Sector Members and Associates of all Sectors via TIES until further notice.)

They are divided into Series according to the subjects they cover, as follows:

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



ITU-R Recommendations, Reports and selected Handbooks

2021

ITU-R Recommendations constitute a set of international technical standards developed by the Radiocommunication Sector of ITU on topics such as efficient management and use of the spectrum/orbit resource, radio systems characteristics and performance, spectrum monitoring and emergency radiocommunications for public protection and disaster relief. ITU-R Reports contain technical, operational or procedural statements prepared by radiocommunication study groups. ITU-R Handbooks provide a statement of the current knowledge, the present position of studies, or of good operating or technical practice, in certain aspects of radiocommunications.

MEDIA	PRICE CHF	LANGUAGE	ARTICLE	ISBN	PAGES
	600.-	E, F, S, A, C, R	44048	978-92-61-32867-2	

2.6 Handbooks

ITU-R Handbooks constitute an authoritative source of technical material relating to radiocommunications that disseminates information in a form that is readily understandable and that can be applied practically, especially in the training of technicians and engineers, while paying special attention to the requirements of developing countries.




Spectrum management

Spectrum Monitoring

2011

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. It is intended for the use by administrations of both developing and developed countries and by the Radiocommunication Bureau. The Handbook will also be useful to radiocommunication engineers everywhere.






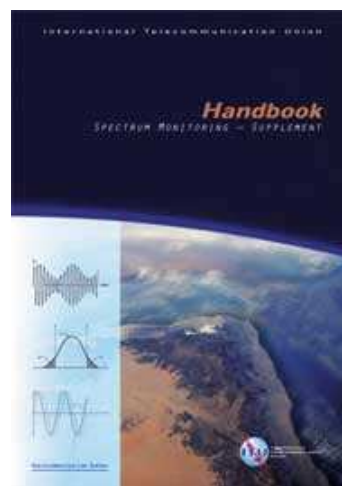
MEDIA	PRICE CHF	LANGUAGE	ARTICLE	ISBN	PAGES
	230.-	E	36355	92-61-13501-3	678
		F	36356	92-61-13502-1	806
		S	36357	92-61-13503-X	768
		A	36359	92-61-13506-4	752
		C	36360	92-61-13505-6	688
		R	36358	92-61-13504-8	764
	Free	E			
		F			
		S			
		A			
		C			
	230.-	R			
		E, F, S, A, C, R	36361	92-61-13527-7	

Supplement to Handbook on Spectrum Monitoring

2008

The purpose of this Supplement to the ITU-R Handbook - Spectrum Monitoring (Edition 2002) is to provide up-to-date information on several issues before the publication of the next complete edition of the Handbook. It provides a complete and self-contained revision of the following chapters of the Handbook: - Chapter 3 (Monitoring equipment and automation of monitoring operations), - Section 5.1 (Spacecraft emission monitoring) of Chapter 5, and - Annex 1 (Monitoring system planning and tenders).

MEDIA	PRICE CHF	LANGUAGE	ARTICLE	ISBN	PAGES
	68.-	E	33367	92-61-12611-1	202
		F	33368	92-61-12612-X	202
		S	33369	92-61-12613-8	202
		A	33371	92-61-12616-2	218
		C	33372	92-61-12615-4	202
		R	33370	92-61-12614-6	202
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		R			
	68.-	E, F, S, A, C, R	33373	92-61-12637-5	





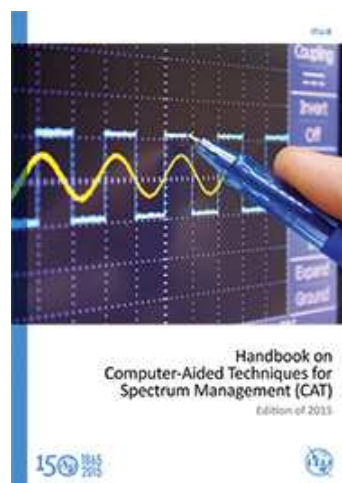
Spectrum Management

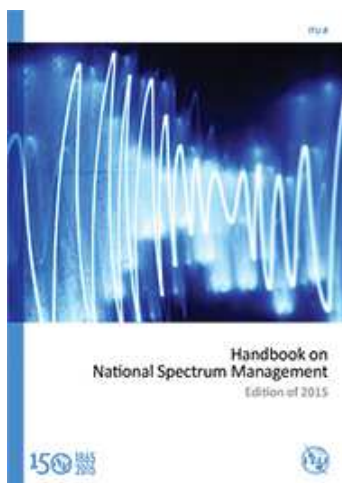
Computer-aided Techniques for Spectrum Management (CAT)

2015

This Handbook should be seen as complementary to Handbooks 'National Spectrum Management' (2015) and 'Spectrum Monitoring' (2011). The topic of national spectrum management has evolved and become the central hot spot in the activities of all telecommunication administrations. This is particularly true for developing countries, where the dramatic development of ICT technologies and their wide application have led to a heavy increase in related spectrum usage. The user/reader will find basic material and numerous models for developing efficient projects that will assist in reaching their objective ? implementing automated spectrum management as soon as possible.

MEDIA	PRICE CHF	LANGUAGE	ARTICLE	ISBN	PAGES
	101.-	E	39887	978-92-61-15951-1	174
		F	39888	978-92-61-15952-8	184
		S	39889	978-92-61-15953-5	188
		A	39890	978-92-61-15956-6	184
		C	39891	978-92-61-15955-9	172
		R	39892	978-92-61-15954-2	192
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National Spectrum Management

2015

This Handbook describes the key elements of spectrum management: spectrum management fundamentals, spectrum planning, frequency assignment and licensing, spectrum monitoring, spectrum inspection and investigation, spectrum engineering, spectrum economics, automation of spectrum management activities and measures of spectrum utilization and spectrum utilization efficiency.

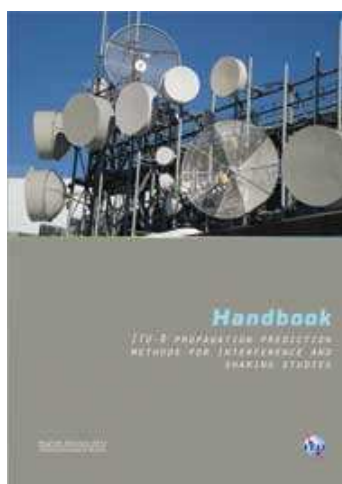
MEDIA	PRICE CHF	LANGUAGE	ARTICLE	ISBN	PAGES
	155.-	E	39923	978-92-61-15891-0	334
		F	39924	978-92-61-15892-7	368
		S	39925	978-92-61-15893-4	358
		A	39926	978-92-61-15896-5	354
		C	39927	978-92-61-15895-8	336
		R	39928	978-92-61-15894-1	364
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Radiowave Propagation

ITU-R propagation prediction methods for interference and sharing studies

2012

This Handbook provides technical information and guidance needed for sharing studies and interference assessments using selected ITU-R P-Series RF propagation models and prediction methods. The handbook is intended to be used in conjunction with ITU-R P-Series Recommendations to assist in performing interference analyses and prediction methods on radiocommunications service systems.






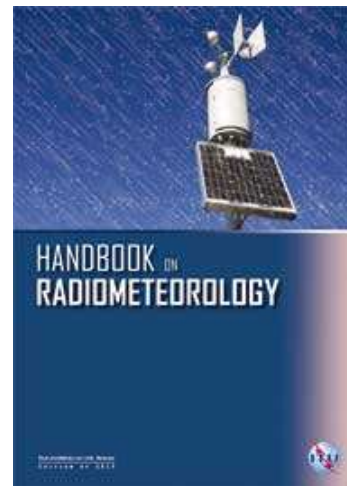
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	76.-	E	37692	978-92-61-14121-9	78
		F	37693	978-92-61-14122-6	82
		S	37694	978-92-61-14123-3	82
		A	37695	978-92-61-14126-4	86
		C	37696	978-92-61-14125-7	76
		R	37697	978-92-61-14124-0	88
	Free	E			
		F			
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		A			
		C			
		R			
	76.-	E, F, S, A, C, R	37698	978-92-61-14127-1	

Radiometeorology

2013

The Handbook on Radiometeorology supplies background and supplementary information on radiowave propagation effects as described and used in the ITU-R P series of Recommendations thus giving a more detailed understanding of these Recommendations, in particular to those who wish to contribute to their development.




MEDIA	PRICE CHF	LANGUAGE	ARTICLE	ISBN	PAGES
	98.-	E	38634	978-92-61-14451-7	252
		F	38635	978-92-61-14452-4	275
		S	38636	978-92-61-14453-1	244
		A	38637	978-92-61-14456-2	238
		C	38638	978-92-61-14455-5	250
		R	38639	978-92-61-14454-8	248
	Free	E			
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		S			
		A			
		C			
		R			
	98.-	E, F, S, A, C, R	38640	978-92-61-14507-1	

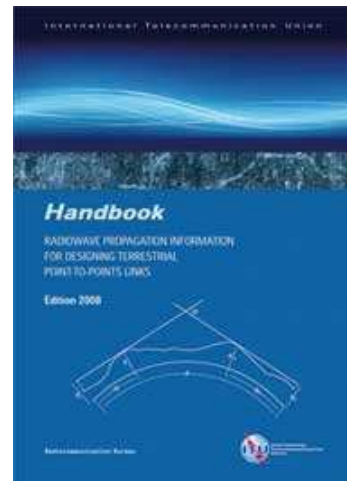


Radiowave propagation information for designing terrestrial point-to-point links

2008

The ITU-R Handbook - Radiowave propagation information for designing terrestrial point-to-point links supplies background and supplementary information on radiowave propagation effects, and serves as a companion volume and guide to the ITU-R Recommendations that have been developed by Radiocommunication Study Group 3 to assist in the design of terrestrial communication systems.

MEDIA	PRICE CHF	LANGUAGE	ARTICLE	ISBN	PAGES
	62.-	E	33616	92-61-12771-1	112
		F	33617	92-61-12772-X	124
		S	33618	92-61-12773-8	124
		A	33620	92-61-12776-2	136
		C	33621	92-61-12775-4	112
		R	33619	92-61-12774-6	112
	Free	E			
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		R			
	62.-	E, F, S, A, C, R	33623	92-61-12797-5	



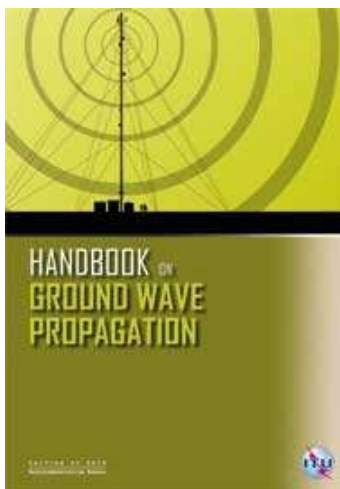


Terrestrial land mobile radiowave propagation in the VHF/UHF bands

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.

MEDIA	PRICE CHF	LANGUAGE	ARTICLE	ISBN	PAGES
	57.-	E	21447	92-61-09971-8	122
		F	21448	92-61-09972-6	122
		S	21449	92-61-09973-4	122
		R	24441	92-61-09974-2	122
	Free	E			
		F			
		S			
	57.-	E, F, S	21558	92-61-10057-0	



Ground Wave Propagation

2014

The Handbook on ground wave propagation is of special interest for communication, particularly broadcasting, at the lower frequencies where the mode has been in use for more than 90 years. It deals with fundamentals and theory, wide-scale considerations and prediction methods used for compatibility assessments and planning procedures. Smaller scale variability, which may be of major importance in assessing the quality of services, is also treated. The topics of measurements and phase are also covered.

MEDIA	PRICE CHF	LANGUAGE	ARTICLE	ISBN	PAGES
	38.-	E	38980	978-92-61-14641-2	66
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		S	38982	978-92-61-14643-6	70
		A	38983	978-92-61-14646-7	70
		C	38984	978-92-61-14645-0	66
		R	38985	978-92-61-14644-3	66
	Free	E			
		F			
		S			
		A			
		C			
	38.-	R			
		E, F, S, A, C, R	38986	978-92-61-14657-3	

Broadcasting Service

Handbook on Digital Terrestrial Television Broadcasting networks and systems implementation

2021

The Handbook takes into account progress and convergence of technologies, different environments for production, primary and secondary distribution of broadcast programs as well as experiences in providing quality of service for DTTB. Specifically including technical aspects on the introduction of digital terrestrial and multimedia broadcasting; Information on standardized broadcasting systems in digital terrestrial and multimedia broadcasting networks, and some guidance on their implementation; References to normative documents (standards, technical specifications, reports, recommendations and other documents) that are important with respect to baseband (audio, video data) and transmission quality, as well as to DTTB services including interactive TV and access services; The use of DTTB systems in electronic news gathering and contribution of audio-visual content. The aim of the Handbook is to provide assistance in technical and service issues such as networks and systems, audiovisual quality and quality of transmission as well as on other issues of interest for the introduction of digital terrestrial TV broadcasting (from multimedia systems to UHDTV) in different countries.



MEDIA	PRICE CHF	LANGUAGE	ARTICLE	ISBN	PAGES
	213.-	E	44428	978-92-61-33751-3	
	Free	E F S A C R			




Fixed-satellite service

Supplements No. 1, 2, 3 and 4 to Handbook on Mobile-satellite service (MSS)

2006

Supplement 1 - Systems aspects of digital mobile Earth station Supplement 2 - Methodology for the derivation of interference and sharing criteria for the Mobile-satellite services Supplement 3 - Interference and noise problems for maritime mobile-satellite systems using frequencies in the region of 1.5 and 1.6 GHz Supplement 4 - Technical aspects of coordination among mobile-satellite systems using the geostationary-satellite orbit



MEDIA	PRICE CHF	LANGUAGE	ARTICLE	ISBN	PAGES
	25.-	E F S A C R	30996 30997 30999 33177 33178 31000	92-61-12161-6 92-61-12162-4 92-61-12163-2 92-61-12166-7 92-61-12165-9 92-61-12164-0	60 60 60 60 60 60
	Free	E F S A C R			
	25.-	E	31001	92-61-12171-3	



Mobile-satellite service (MSS)

2002

This Handbook provides a brief survey and introduction to the field of Mobile-satellite service (MSS). Note: Supplements 1, 2, 3 and 4 were published in 2006 and contain important updates to this Handbook.

MEDIA	PRICE CHF	LANGUAGE	ARTICLE	ISBN	PAGES
	57.-	E	21450	92-61-09951-3	166
		F	21451	92-61-09952-1	166
		S	21452	92-61-09953-X	166
		R	22955	92-61-09954-8	166
	Free	E			
		F			
		S			
	57.-	E, F, S	21559	92-61-10047-3	

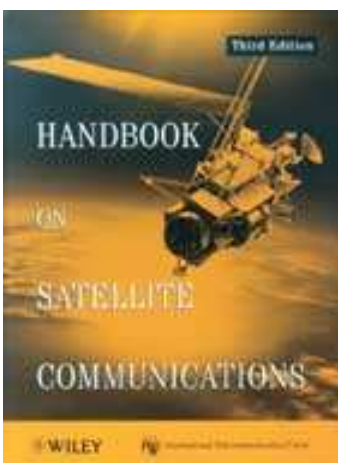


DSB Handbook - Terrestrial and satellite digital sound broadcasting to vehicular, portable and fixed receivers in the VHF/UHF bands

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.

MEDIA	PRICE CHF	LANGUAGE	ARTICLE	ISBN	PAGES
	250.-	E	21444	92-61-09961-0	854
		F	21445	92-61-09962-9	892
		S	21446	92-61-09963-7	892
		R	25615	92-61-09964-5	854
	Free	E			
		F			
		S			
		R			
	250.-	E	21395	92-61-09921-1	



Satellite Communications (FSS)

2002 (3rd Edition)

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




MEDIA	PRICE CHF	LANGUAGE	ARTICLE	ISBN	PAGES
	210.-	E	21432	92-61-09981-5	
		F	21431	92-61-09982-3	
		S	21433	92-61-09983-1	
	Free	E			
		F			

Science services

Earth Exploration-Satellite Service

2011

This Handbook provides full and comprehensive information on the development of EESS systems. Specifically, it provides basic definitions, sheds light on the technical principles underlying the operation of systems and presents their main applications to assist administrations in the spectrum planning, engineering and deployment aspects of these systems.




MEDIA	PRICE CHF	LANGUAGE	ARTICLE	ISBN	PAGES
	68.-	E	36546	92-61-13761-X	96
	Free	E			
	68.-	E	36547	92-61-13771-7	

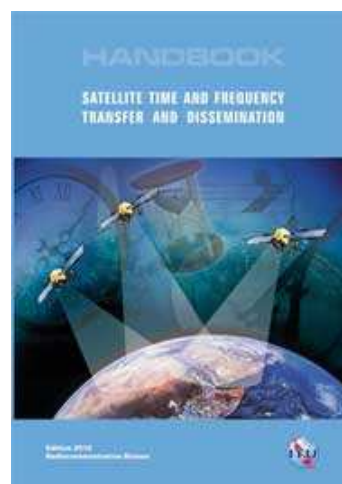


Satellite Time and Frequency Transfer and Dissemination

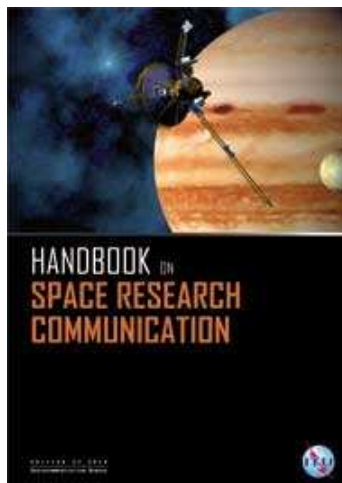
2010

This is the first ITU Handbook to provide detailed information on the applied methods, technologies, algorithms, data structure and practical use of frequency and timing signals provided by satellite systems.

MEDIA	PRICE CHF	LANGUAGE	ARTICLE	ISBN	PAGES
	96.-	E	36131	92-61-13301-0	218
		F	36132	92-61-13302-9	239
		S	36133	92-61-13303-7	227
		A	36135	92-61-13306-1	232
		C	36136	92-61-13305-3	218
		R	36134	92-61-13304-5	242
	Free	E F S A C R			
	96.-	E	36137	92-61-13311-8	



Science Services



Space Research Communications

2014

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

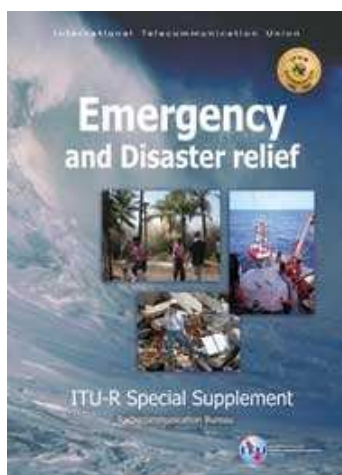
MEDIA	PRICE CHF	LANGUAGE	ARTICLE	ISBN	PAGES
	34.-	E	39431	978-92-61-15191-1	42
		F	39432	978-92-61-15192-8	46
		S	39433	978-92-61-15193-5	46
		A	39434	978-92-61-15196-6	46
		C	39435	978-92-61-15195-9	42
		R	39436	978-92-61-15194-2	46
	Free	E			
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		R			

ITU-R Special Supplements

Emergency and Disaster relief

2006

Telecommunication is critical at all phases of disaster management. Aspects of radiocommunication services associated with disasters include, inter alia, disaster prediction, detection, alerting and disaster relief. In certain cases, when the 'wired' telecommunication infrastructure is significantly or completely destroyed by a disaster, only radiocommunications services can be employed for disaster relief operation.





MEDIA	PRICE CHF	LANGUAGE	ARTICLE	ISBN	PAGES
	50.-	E	28530	92-61-11581-0	190
		F	28748	92-61-11582-9	208
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		A	28531	92-61-11586-1	190
		C	28532	92-61-11585-3	190
		R	28533	92-61-11584-5	152
	Free	E			
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		C			
		R			
	50.-	E, F, S, A, C, R	28750	92-61-11607-8	

Terrestrial Services

Land Mobile (including Wireless Access) - Volume 4: Intelligent Transport Systems

2021

This Volume of the Handbook provides a summary of the use of wireless communications in intelligent transport systems (ITS), current and under development, around the globe. This is a rapidly developing sector, still partly in its infancy, and this publication is representative of the time where it was produced. Volume 4 covers ITS application, system and communication architecture, as well as radio technologies and radio frequency usage for ITS systems, in addition to national and international standards.




MEDIA	PRICE CHF	LANGUAGE	ARTICLE	ISBN	PAGES
	86.-	E	44035	978-92-61-32731-6	
		F	44036	978-92-61-32732-3	
		S	44037	978-92-61-32733-0	
		A	44038	978-92-61-32736-1	
		C	44039	978-92-61-32735-4	
		R	44040	978-92-61-32734-7	
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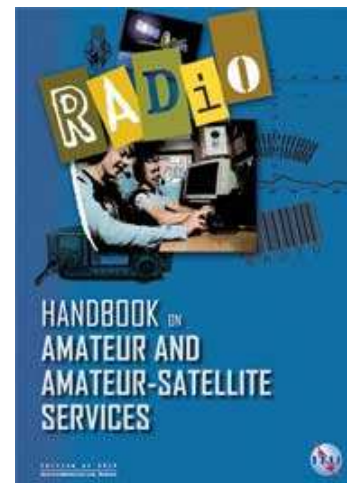


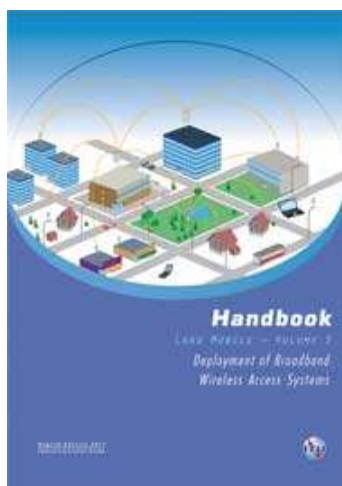
Amateur and amateur-satellite services

2014

This Handbook provides general information about amateur and amateur-satellite services. It also includes a compendium of existing ITU texts of relevance to amateur and amateur-satellite services. This Handbook is intended to present, in one document, information about amateur services for administrations and amateur radio organizations.

MEDIA	PRICE CHF	LANGUAGE	ARTICLE	ISBN	PAGES
	57.-	E	39092	978-92-61-14661-0	84
		F	39093	978-92-61-14662-7	84
		S	39094	978-92-61-14663-4	84
		A	39095	978-92-61-14666-5	82
		C	39096	978-92-61-14665-8	84
		R	39097	978-92-61-14664-1	80
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		C			
	57.-	E, F, S, A, C, R	39111	978-92-61-14687-0	



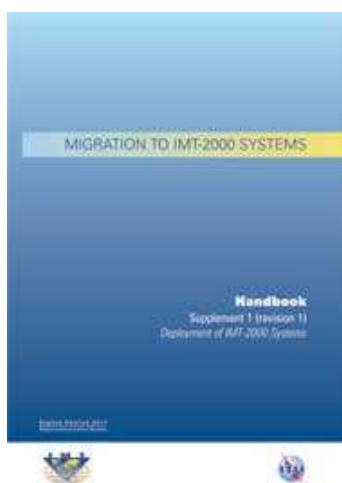


Land Mobile (including Wireless Access) - Volume 5: Deployment of Broadband Wireless Access Systems

2011

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

MEDIA	PRICE CHF	LANGUAGE	ARTICLE	ISBN	PAGES
	67.-	E	36541	92-61-13691-5	140
	Free	E			
	67.-	E	36548	92-61-13731-8	



Migration to IMT-2000 Systems - Supplement 1 (Revision 1) of the Handbook on Deployment of IMT-2000 Systems

2011




This revised Supplement expands on the first edition of the ITU Handbook - Deployment of IMT- 2000 Systems and updates much of the work that has occurred since the release of the Handbook. It addresses the subject of evolution and migration from current mobile systems towards IMT-2000. ITU-R has developed this work in response to ongoing liaison and interaction with the ITU-D and ITU-T Sectors and sees this material as the natural extension of the information presented in the Handbook.

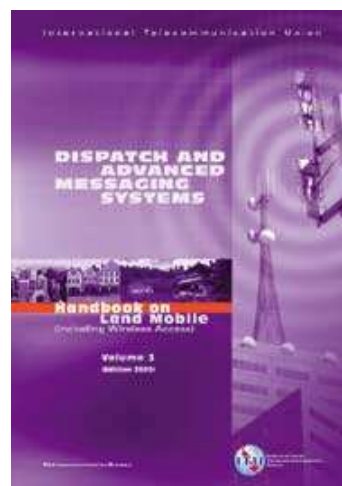
MEDIA	PRICE CHF	LANGUAGE	ARTICLE	ISBN	PAGES
	95.-	E	36549	92-61-13741-5	138
	Free	E			
	95.-	E	36550	92-61-13751-2	

Land Mobile (including Wireless Access) - Volume 3: Dispatch and Advanced Messaging Systems

2005

The purpose of the Land Mobile Handbook is to assist in the decision-making process involving planning, engineering and deployment of land mobile systems, especially in the developing countries. It should also provide adequate information to assist in training engineers and planners in regulating, planning, engineering and deployment aspects of these systems. Volume 3 on Dispatch and Advanced Messaging Systems provides information on state-of-the-art technology in terrestrial land mobile paging and advanced messaging and dispatch as well as descriptions of typical systems. The technical content is intended for use by administrations and operators in both developing and developed countries.




MEDIA	PRICE CHF	LANGUAGE	ARTICLE	ISBN	PAGES
	24.-	E	28236	92-61-11371-0	48
		F	29123	92-61-11372-9	52
		S	29124	92-61-11373-7	52
		A	28574	92-61-11376-1	50
		C	28575	92-61-11375-3	48
		R	28573	92-61-11374-5	48
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		S			
		A			
		C			
		R			
	24.-	E, F, S, A, C, R	29389	92-61-11387-7	



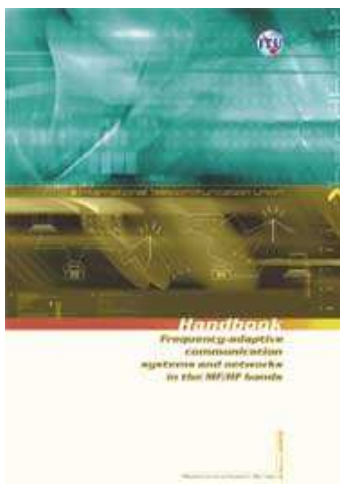
Deployment of IMT-2000 Systems

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.

MEDIA	PRICE CHF	LANGUAGE	ARTICLE	ISBN	PAGES
	100.-	E	23893	92-61-10401-0	212
		F	23895	92-61-10402-9	212
		S	23896	92-61-10403-7	212
		R	26502	92-61-10404-5	210
	Free	E			
		F			
		S			
		R			
	100.-	E, F, S	23894	92-61-10437-1	





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

2002

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

MEDIA	PRICE CHF	LANGUAGE	ARTICLE	ISBN	PAGES
	32.-	E	22296	92-61-10141-0	65
		F	22297	92-61-10142-9	66
		S	22298	92-61-10143-7	65
		R	25614	92-61-10144-5	66
	Free	E			
		F			
		S			
		R			

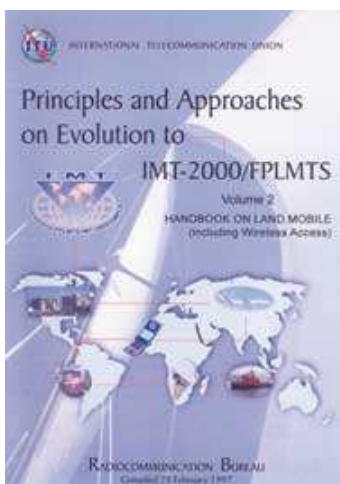


Land Mobile (including Wireless Access) - Volume 1: Fixed Wireless Access

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.

MEDIA	PRICE CHF	LANGUAGE	ARTICLE	ISBN	PAGES
	35.-	E	19474	92-61-09321-3	196
		F	19475	92-61-09322-1	196
		S	19476	92-61-09323-X	196
	Free	E			
		F			
		S			



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.

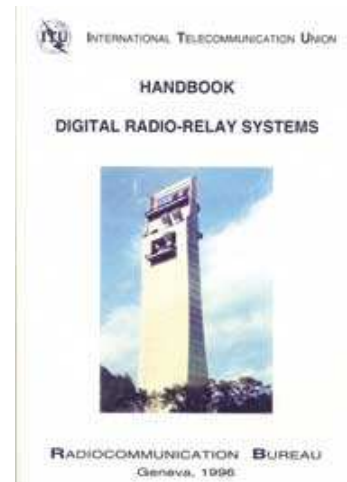
MEDIA	PRICE CHF	LANGUAGE	ARTICLE	ISBN	PAGES
	16.-	E	11067	92-61-06581-3	
		F	11185	92-61-06582-1	
		S	11186	92-61-06583-X	
		A	12799	92-61-06586-4	
		C	15942	92-61-06585-6	
		R	13856	92-61-06584-8	
	Free	E			
		F			
		S			

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.

MEDIA	PRICE CHF	LANGUAGE	ARTICLE	ISBN	PAGES
	50.-	E	7019	92-61-06281-4	418
		F	7020	92-61-06282-2	400
		S	7021	92-61-06283-0	452
		A	12981	92-61-06286-5	418
		C	24549	92-61-06285-7	400
		R	11853	92-61-06284-9	400
	Free	E			
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IMT-2000: Special Edition

2000

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

MEDIA	PRICE CHF	LANGUAGE	ARTICLE	ISBN	PAGES
	50.-	E, F, S	18124	92-61-08631-4	





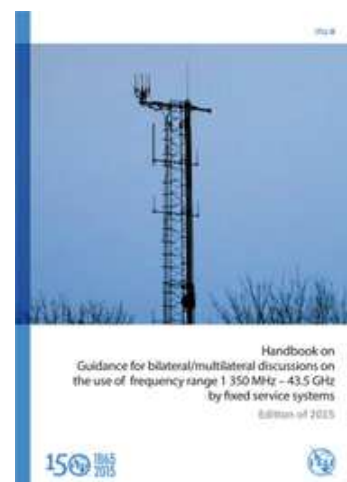
31

Guidance for bilateral/multilateral discussions on the use of frequency range 1 350 MHz - 43.5 GHz by fixed service systems

2015

This Handbook summarizes the existing technical approaches to resolve compatibility and sharing issues within fixed service stations. The objective is to provide a guide addressing best practices from those administrations already having knowledge and experience in developing such agreements. Examples are provided to facilitate the sharing of fixed service deployed in the neighbouring countries.

MEDIA	PRICE CHF	LANGUAGE	ARTICLE	ISBN	PAGES
	49.-	E	39628	978-92-61-15531-5	64
		F	39725	978-92-61-15532-2	
		S	39726	978-92-61-15533-9	
		A	39727	978-92-61-15536-0	
		C	39728	978-92-61-15535-3	
		R	39729	978-92-61-15534-6	
	Free	E			






Broadcasting service

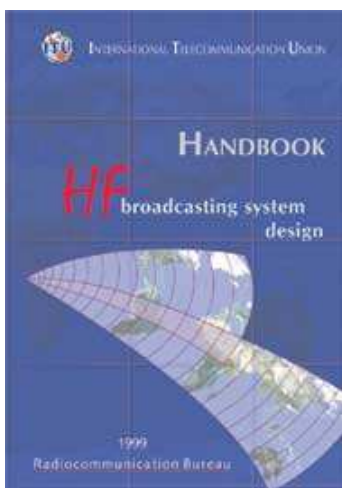


DTTB Handbook - Digital terrestrial television broadcasting in the VHF/UHF bands

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.



MEDIA	PRICE CHF	LANGUAGE	ARTICLE	ISBN	PAGES
	100.-	F	21454	92-61-09912-2	274
		S	21455	92-61-09913-0	274
		R	22954	92-61-09914-9	274
	Free	E			
		F			
		S			
		R			
	100.-	E, F, S	24058	92-61-10447-9	



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.

MEDIA	PRICE CHF	LANGUAGE	ARTICLE	ISBN	PAGES
	28.-	E	11251	92-61-06651-8	168
		F	11252	92-61-06652-6	
		S	11253	92-61-06653-4	
		A	17486	92-61-06656-9	100
		R	24550	92-61-06654-2	100
	Free	E			

32

2.7 Software and Databases



Space Network Systems (SNS) in ITU SpaceExplorer

2025

The ITU SpaceExplorer application (previously SNS Online service) allows users to consult the Space Networks Systems Database of the ITU Radiocommunication Bureau. The database, which is updated bi-weekly, contains the data items of Appendix 4 of the Radio Regulations related to geostationary and non-geostationary satellite systems, Earth stations and Radio astronomy stations. Subscribing to this service allows you to consult and export filings characteristics in Dashboard format, and to benefit from the QueryBuilder and MyExplorer functionalities. Free of charge to TIES users. Access to the application: ITU SpaceExplorer

MEDIA	PRICE CHF	LANGUAGE	ARTICLE	ISBN	PAGES
	630.-	E			


NEW

3.1 Regulations

Proceedings of the World Telecommunication Standardization Assembly 2020

2022

The Proceedings contain Resolutions (Rules of Procedure of ITU-T; study group responsibility and mandates; publication of ITU-T Recommendations and WTSA proceedings, etc.), ITU-T A-series Recommendations (Organization of the work of ITU-T), study groups and other groups, the list of questions for the study period 2022-2024 and reports as approved by WTSA-2020.

MEDIA	PRICE CHF	LANGUAGE	ARTICLE	ISBN	PAGES
	Free	E F S A C R			



3.2 ITU-T Recommendations

The ITU-T Recommendations developed by the ITU Telecommunication Standardization Sector are standards that define how telecommunication networks operate and interwork. They are based on studies on technical, operating and tariff questions and serve to standardize telecommunications on a worldwide scale. Although non-binding, they are widely used because they enable the interconnectivity and interoperability of networks and the provision of worldwide telecommunication services. At present, more than 4000 ITU-T Recommendations on some 140 000 pages are in force on topics from service definition to network architecture and security, and from dial-up modems and IP-related issues to Gbit/s optical transmission systems, next-generation networks (NGN), Internet of Things and cloud computing.

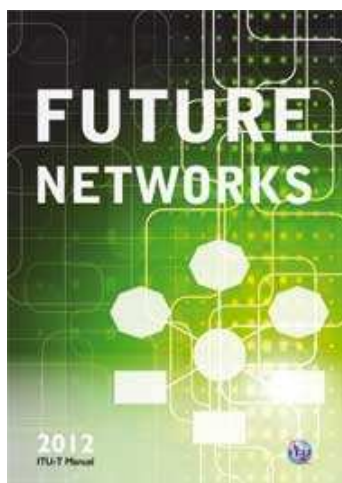
ITU-T Recommendations are made available individually as soon as they are prepared in ITU-T Study Groups and approved by ITU-T Members. Some Recommendations include electronic attachments that can also be downloaded for free either zipped with the Recommendation or from the ITU website. New and revised ITU T Recommendations are announced through the ITU News magazine, email notifications and the List of ITU-T Recommendations on the ITU website, which can be found at <http://www.itu.int/ITU-T/recommendations/index.aspx>. Most recommendations are available for free download but can also be bought on DVD-ROM.

Series	Subject area
A	Organization of the work of ITU-T
D	Tariff and accounting principles and international telecommunication/ICT economic and policy issues
E	Overall network operation, telephone service, service operation and human factors
F	Non-telephone telecommunication services
G	Transmission systems and media, digital systems and networks
H	Audiovisual and multimedia systems
I	Integrated services digital network
J	Cable networks and transmission of television, sound programme and other multimedia signals
K	Protection against interference
L	Environment and ICTs, climate change, e-waste, energy efficiency; construction, installation and protection of cables and other elements of outside plant
M	Telecommunication management, including TMN and network maintenance
N	Maintenance: international sound programme and television transmission circuits
O	Specifications of measuring equipment

Series	Subject area
P	Telephone transmission quality, telephone installations, local line networks
Q	Switching and signalling, and associated measurements and tests
R	Telegraph transmission
S	Telegraph services terminal equipment
T	Terminals for telematic services
U	Telegraph switching
V	Data communication over the telephone network
X	Data networks, open system communications and security
Y	Global information infrastructure, Internet protocol aspects, next-generation networks, Internet of Things and smart cities
Z	Languages and general software aspects for telecommunication systems

3.2 Handbooks

Network planning



Future networks

2012

This ITU-T Handbook reviews the work to date on future networks. The development of future networks is driven by, on the one hand, the perceived challenges that are faced by networks at the moment and, on the other hand, by the continual development of new applications and technology. The work on future networks is broad in scope and covers not only technological issues but also social, economic and environmental aspects.

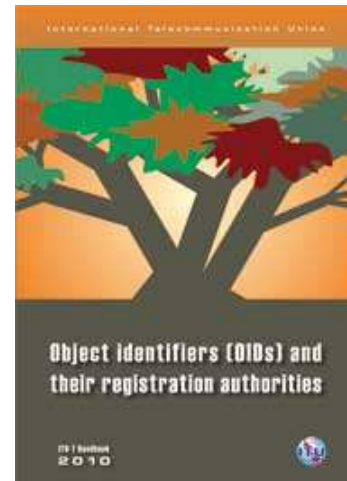
MEDIA	PRICE CHF	LANGUAGE	ARTICLE	ISBN	PAGES
	22.-	E	37306	978-92-61-14041-0	32
		F	37307	978-92-61-14042-7	40
		S	37308	978-92-61-14043-4	40
		A	37309	978-92-61-14046-5	38
		C	37311	978-92-61-14045-8	32
		R	37310	978-92-61-14044-1	40
	22.-	E			
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Formal Languages

Object identifiers (OIDs) and their registration authorities

2010

This Handbook provides information on the use of Object Identifiers (OIDs). It consists of several parts, which will be of interest to different audiences. Part 1 is a general introduction. Part 2 contains historical and background information of a largely tutorial nature. Part 3 provides a full description of the structure of the International OID tree, the high-level arcs and major branches, and the notations and encodings used for expressing OID values. Part 4 is concerned with the practical use of OIDs. It introduces the OID repository and the ITU-T module database. It describes some of the early and current uses of OIDs. Part 5 covers more recent developments, including the International Object Identifier tree, Unicode labels and long arcs. Part 6 discusses the OID Resolution System (ORS) using the Domain Name System (DNS). Part 7 contains instructions on how to obtain an OID for various purposes, and how to manage a sub-authority for allocation of a node to children, including information on actions needed to make use of the ORS. There are several Annexes (of which the most important are probably those concerned with the setting up and operation of a national registration authority) and a bibliography.



MEDIA	PRICE CHF	LANGUAGE	ARTICLE	ISBN	PAGES
	33.-	E	36615	92-61-13781-4	64
		F	36616	92-61-13782-2	72
		A	36619	92-61-13786-5	74
		C	36621	92-61-13785-7	62
		R	36618	92-61-13784-9	64
	33.-	E			
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Protection against electromagnetic effects

Mitigation measures for telecommunication installations - Part 1

2008

This Handbook describes case studies, supplied by ITU-T Study Group 5 members, of electromagnetic compatibility (EMC) interference problems that have affected telecommunication systems related to emission and immunity, overvoltage and overcurrent, and the solutions to such problems. This handbook also indicates typical sources of interference as well as the solutions that can be used to restore correct service to the system or to avoid any such problems before they manifest themselves. Whilst this handbook does not cover measurement methods or how to measure emissions, overvoltage or overcurrent, as these are covered within other ITU-T Recommendations, it does, through the case studies, suggest how to detect certain problems. The electronic version of part 2 is free of charge. www.itu.int/ITU-T/mitigation/mitigation-p2.html



MEDIA	PRICE CHF	LANGUAGE	ARTICLE	ISBN	PAGES
	41.-	E	35223	92-61-13151-4	50
		F	35224	92-61-13152-2	54
		S	35225	92-61-13153-0	56
		A	35227	92-61-13156-5	50
		C	35228	92-61-13155-7	50
		R	35226	92-61-13154-9	52
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Mitigation measures for telecommunication installations

2004

This Handbook describes case studies, supplied by ITU-T Study Group 5 members, of electromagnetic compatibility (EMC) interference problems that have affected telecommunication systems related to emission and immunity, overvoltage and overcurrent and the solutions to such problems. This handbook also indicates typical sources of interference as well as the solutions that can be used to restore correct service to the system or to avoid any such problems before they manifest themselves. Whilst this handbook does not cover measurement methods or how to measure emissions, overvoltage or overcurrent as these are covered within other ITU-T Recommendations, it does, through the case studies, suggest how to detect certain problems.

MEDIA	PRICE CHF	LANGUAGE	ARTICLE	ISBN	PAGES
	39.-	E	26974	92-61-11181-5	94
		F	27295	92-61-11182-3	104
		S	27296	92-61-11183-1	96
		A	28730	92-61-11186-6	94
		C	28731	92-61-11185-8	94
		R	28732	92-61-11184-X	92
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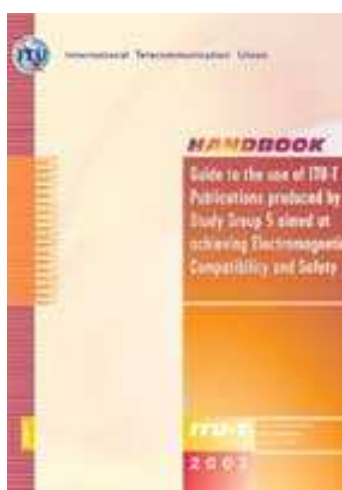


Earthing and Bonding

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.

MEDIA	PRICE CHF	LANGUAGE	ARTICLE	ISBN	PAGES
	34.-	E	24087	92-61-10471-1	76
		F	24088	92-61-10472-X	86
		S	24089	92-61-10473-8	86
		R	26871	92-61-10474-6	78
	34.-	E			
		F			
		S			
		R			



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.

MEDIA	PRICE CHF	LANGUAGE	ARTICLE	ISBN	PAGES
	17.-	E	20954	92-61-09681-6	36
		F	20955	92-61-09682-4	36
		S	20956	92-61-09683-2	36
	25.-	E			
		F			
		S			

Directives concerning the protection of telecommunication lines against harmful effects from electric power and electrified railway lines - Volume VI: Danger, damage and disturbance

2008

"These Directives describe the danger to telecommunication system workers and users and damage to equipment as well as the interference to transmission of information that may occur as a result of the proximity of telecommunication system installations to electric power and electrified railway installations. It also describes the conditions that may result in danger to telecommunication system workers and users or damage to equipment. It must be emphasized that although the possibility of danger may exist, the probability of damage to equipment is small and the likelihood of injury is very remote. In addition, it states the conditions that may result in interference to the transmission of information because of the influence of electrical power and electrified railway installations. The likelihood of transmission degradation is significantly increased by such factors as exposure length, earth return currents, harmonic content of power current, cable shielding and longitudinal balance."



MEDIA	PRICE CHF	LANGUAGE	ARTICLE	ISBN	PAGES
	38.-	E F S A C R			



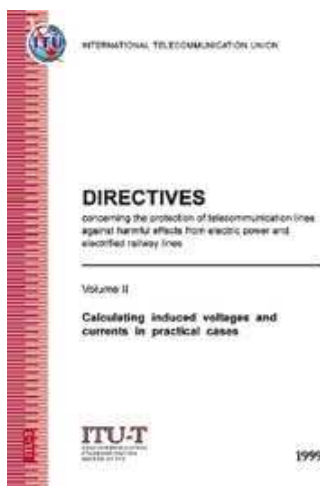
Directives concerning the protection of telecommunication lines against harmful effects from electric power and electrified railway lines - Volume V: Inducing currents and voltages in power transmission and distribution systems

2008

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 disturbance of signalling. Volume V: "Inducing currents and voltages in power transmission and distribution systems" describes balanced and unbalanced power systems in normal operation and under fault conditions.

MEDIA	PRICE CHF	LANGUAGE	ARTICLE	ISBN	PAGES
	51.-	S			
	26.-	E F A C R			







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

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 currents resulting from capacitive, inductive and conductive coupling in a variety of commonly-encountered situations.

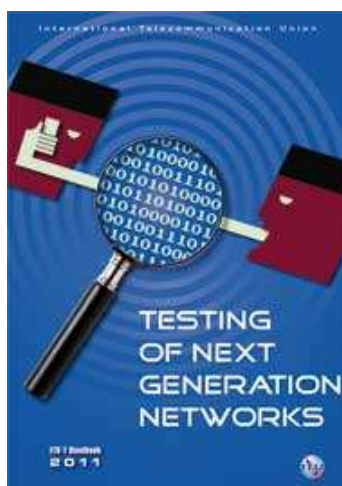
MEDIA	PRICE CHF	LANGUAGE	ARTICLE	ISBN	PAGES
	160.-	E	15034	92-61-08001-4	620
		F	15065	92-61-08002-2	620
		S	15068	92-61-08003-0	620
	80.-	E			
		F			
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Implementation guidelines

Testing of next generation networks

2011

This Handbook describes the general approach to testing of next generation networks (NGNs). Its goal is to assist administrations and operators in the implementation of testing as a method to verify network and services development strategies, but it can be used by vendors as well. It also discusses interoperability problems that could appear during network or service implementation.






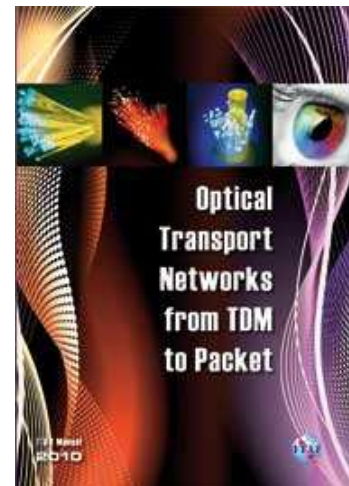
MEDIA	PRICE CHF	LANGUAGE	ARTICLE	ISBN	PAGES
	36.-	E	36737	92-61-13811-X	52
		F	36738	92-61-13812-8	58
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		A	36741	92-61-13816-0	56
		C	36742	92-61-13815-2	54
		R	36740	92-61-13814-4	54
	36.-	E			
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Optical Transport Networks from TDM to Packet

2010

This Handbook discusses the technologies covered by ITU-T Recommendations related to Synchronous Digital Hierarchy (SDH), Optical Transport Network (OTN) and Ethernet over Transport (EoT). Each chapter of this Handbook is dedicated to a specific aspect (architecture, multiplexing hierarchy, protection, synchronization, etc.) of SDH, OTN and EoT optical transport networks. Plesiochronous Digital Hierarchy networks, which are at present considered obsolete, and Multiprotocol Label Switching - Transport Profile, which is at a preliminary stage of standardization, are only mentioned in the Preface. Finally, the last chapter of the Handbook discusses automatically switched optical networks (ASON), based on the control planes introduced in addition to transport planes and management planes.



MEDIA	PRICE CHF	LANGUAGE	ARTICLE	ISBN	PAGES
	139.-	E	36443	92-61-13551-X	302
		F	36444	92-61-13552-8	344
		S	36445	92-61-13553-6	324
		A	36447	92-61-13556-0	310
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		R	36446	92-61-13554-4	306
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		R			
	139.-	E	36450	92-61-13561-7	
		E, F, S, A, C, R	36449	92-61-13577-3	



Converging networks

2010

This Handbook presents the ITU-T Recommendations on next generation networks in the context of the ongoing convergence of the telecommunications and media industries.

MEDIA	PRICE CHF	LANGUAGE	ARTICLE	ISBN	PAGES
	75.-	E	36048	92-61-13331-2	182
		F	36049	92-61-13332-0	192
		S	36050	92-61-13333-9	194
		A	36052	92-61-13336-3	198
		C	36053	92-61-13335-5	184
		R	36051	92-61-13334-7	182
	75.-	E			
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DSL story 2010

This Handbook provides an overview of the 18 ITU-T Recommendations dealing with the xDSL technology published as of the end of 2009. After a brief introduction of the xDSL technology, the xDSL Recommendations are grouped into nine categories: HDSL and SHDSL, five ADSL (G.992.2, splitterless ADSL, ADSL2 reach extended, splitterless ADSL2 and ADSL2plus) and two VDSL (VDSL1 and VDSL2). Operations and signalling principles of these nine families of xDSL systems are presented, emphasizing the commonalities.

MEDIA	PRICE CHF	LANGUAGE	ARTICLE	ISBN	PAGES
	79.-	E	36054	92-61-13371-1	176
		F	36055	92-61-13372-X	196
		S	36056	92-61-13373-8	190
		A	36058	92-61-13375-4	184
		C	36059	92-61-13376-2	170
	79.-	R	36057	92-61-13374-6	180
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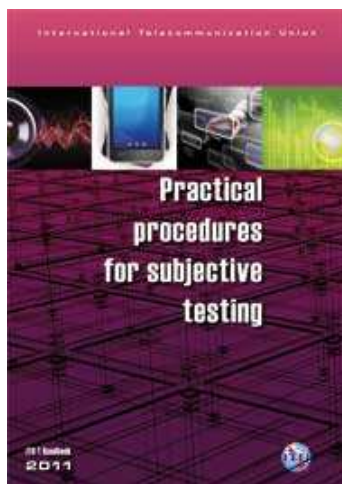
Deployment of packet-based networks 2009

This Handbook presents guidelines for operators planning migration of PSTN/ISDN services to packet-based networks in the evolution to next-generation networks.

MEDIA	PRICE CHF	LANGUAGE	ARTICLE	ISBN	PAGES
	26.-	E	35348	92-61-13181-6	30
		F	35349	92-61-13182-4	32
		S	35350	92-61-13183-2	32
		A	35356	92-61-13186-7	32
		C	35357	92-61-13185-9	30
	26.-	R	35352	92-61-13184-0	28
		E			
		F			
		S			
		A			
		C			
		R			

40

Quality of service



Practical procedures for subjective testing 2011

This Handbook describes practical procedures to be used to quantify the perceived audio quality of end-to-end speech and audio communication systems.



MEDIA	PRICE CHF	LANGUAGE	ARTICLE	ISBN	PAGES
	60.-	E	36622	92-61-13791-1	104
		F	36623	92-61-13792-X	110
		S	36624	92-61-13793-8	
		A	36626	92-61-13796-2	104
		C	36627	92-61-13795-4	102
	60.-	R	36625	92-61-13794-6	104
		E			
		F			
		S			
		A			
		C			
		R			

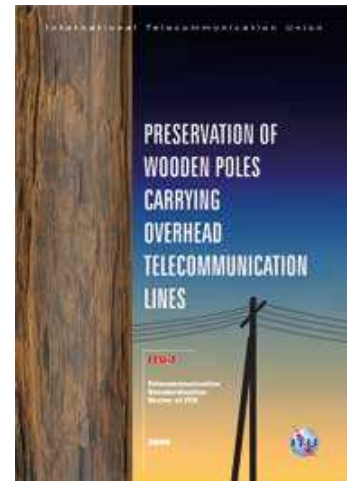
Outside plant

Preservation of Wooden Poles Carrying Overhead Telecommunication Lines

2009

Since the problems of preserving wood against biological agents depend on the region, they have to be studied mainly in a regional context by joint groups of technicians, producers and users of poles.



MEDIA	PRICE CHF	LANGUAGE	ARTICLE	ISBN	PAGES
	35.-	E	35209	92-61-13141-7	46
		F	35210	92-61-13142-5	46
		S	35211	92-61-13143-3	46
		A	35213	92-61-13146-8	46
		C	35214	92-61-13145-X	46
		R	35212	92-61-13144-1	46
	35.-	E			
		F			
		S			
		A			
		C			
		R			



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.



MEDIA	PRICE CHF	LANGUAGE	ARTICLE	ISBN	PAGES
	28.-	E	19255	92-61-09311-6	44
		F	19256	92-61-09312-4	44
		S	19257	92-61-09313-2	44
		R	23320	92-61-09314-0	44
	28.-	E			
		F			
		S			
		R			



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.

MEDIA	PRICE CHF	LANGUAGE	ARTICLE	ISBN	PAGES
	34.-	E	20502	92-61-09451-1	68
		F	20503	92-61-09452-X	68
		S	20504	92-61-09453-8	68
		R	22956	92-61-09454-6	68
	34.-	E			
		F			
		S			







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.



MEDIA	PRICE CHF	LANGUAGE	ARTICLE	ISBN	PAGES
	20.-	E	14517	92-61-07891-5	40
		F	14695	92-61-07892-3	40
		S	14696	92-61-07893-1	40
		A	19211	92-61-07896-6	40
	20.-	E			
		F			
		S			

Measurement Methods

Interference measuring techniques

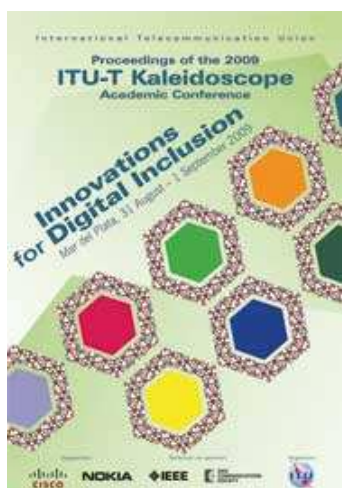
2002

This Handbook contains information on EMC design of telecommunication equipment and discusses certain EMC test methods. Together with «Volume IX» of the «Directives», this Handbook provides comprehensive information on EMC and over-voltage testing and measurements.

MEDIA	PRICE CHF	LANGUAGE	ARTICLE	ISBN	PAGES
	38.-	E	20506	92-61-09481-3	72
		F	20505	92-61-09482-1	72
		S	20507	92-61-09483-X	72
		R	25757	92-61-09484-8	70
	38.-	E			
		F			
		S			
		R			



3.3 Proceedings



Proceedings of ITU-T Kaleidoscope: Innovations for Digital Inclusion - Mar del Plata, Argentina, 31 August - 1 September 2009

2009

These Proceedings contain all the papers accepted for the "ITU-T Innovations for digital inclusion" Kaleidoscope academic conference, Mar del Plata, Argentina, 31 August - 1 September 2009 - the second in a series organized by ITU-T. Technically co-sponsored by the IEEE Communications Society, the papers accepted for the conference were reviewed by a panel of over 90 subject matter experts to ensure high technical quality. The papers, coming from leading academic and research institutions all around the globe, analyse technologies, services and applications five years and beyond that will capitalize on NGN infrastructure and promote digital inclusion. The papers also cover multidisciplinary aspects, including regulatory and societal challenges as well as analysis of standardization needed. Invited papers also provide a broad perspective on the theme.

MEDIA	PRICE CHF	LANGUAGE	ARTICLE	ISBN	PAGES
	Free	E			

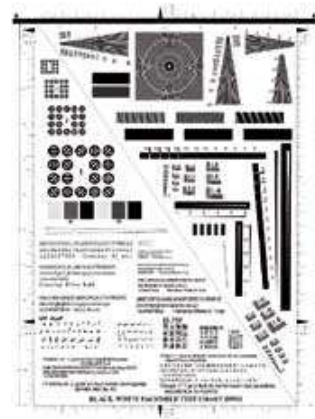
3.4 Test charts

Test Chart No. 4: Black and white facsimile test chart BW01 - (ITU-T Recommendation T.22)

(03/93)

302 × 222 mm high contrast bi-level chart containing text in a variety of languages and pitches and various black and white patterns.

MEDIA	PRICE CHF	LANGUAGE	ARTICLE	ISBN	PAGES
	5.- SQ	E	5494		1



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.

MEDIA	PRICE CHF	LANGUAGE	ARTICLE	ISBN	PAGES
	26.-	E	11941		



43

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.

MEDIA	PRICE CHF	LANGUAGE	ARTICLE	ISBN	PAGES
	9.-	E	10465		



4.1 Statistics and Indicators

ITU hosts the world's most comprehensive collection of ICT data and statistics. It collects, harmonizes and disseminates more than 100 telecommunication and ICT indicators from over 200 economies around the world. ITU regularly publishes analytical reports illustrating the latest trends in the global telecommunication sector. These reports and databases are available online.



Measuring digital development - Facts and Figures 2024

2024

ITU's Measuring digital development: Facts and Figures 2024 offers a snapshot of the most important ICT indicators, including estimates for the current year. This year's edition shows that Internet use continues to grow, but universality remains elusive, especially in low-income regions. Furthermore, there is a lack of progress in bridging the urban-rural divide, except in the lowest income group. ITU's flagship Facts and Figures tracks global connectivity with estimates of key indicators, including those related to Internet use, infrastructure, affordability, Internet traffic, gender, and location.

MEDIA	PRICE CHF	LANGUAGE	ARTICLE	ISBN	PAGES
	Free	E			



World Telecommunication/ICT Indicators Database USB Key

2023



The World Telecommunication/ICT Indicators database on USB Key and online contains time series data for the years 1960, 1965, 1970 and annually from 1975 to 2022 for more than 180 telecommunication/ICT statistics covering fixed-telephone networks, mobile-cellular telephone subscriptions, quality of service, Internet (including fixed- and mobile-broadband subscription data), traffic, staff, prices, revenue, investment and statistics on ICT access and use by households and individuals. Selected demographic, macroeconomic and broadcasting statistics are also included. For the July release, data for 2022 are available for selected indicators such as fixed-telephone subscriptions, mobile-cellular telephone subscriptions, mobile-broadband subscriptions, percentage of population covered by mobile networks, international Internet bandwidth, fixed-broadband subscriptions (total and by speed tiers), ICT prices, percentage of individuals using the Internet, percentage of households with computer and percentage of households with Internet. Data for over 200 economies are available. As per Council 2017, the current version of the database is available free of charge to Member States via an updated link and accessible with Member State TIES access only, not general TIES access. Otherwise please see the free data available in the ITU's new Data Hub. Kindly note that the complete WTID will be discontinued in 2024. The last release is expected in January 2024 containing the 2023 data collected from the long questionnaires. All the data collected by the ICT Data and Analytics Division are disseminated for free at the ITU DataHub (see above).

MEDIA	PRICE CHF	LANGUAGE	ARTICLE	ISBN	PAGES
	281.-	E	45270	978-92-61-37981-0	

Yearbook of Statistics - Telecommunication/ICT Indicators - 2009-2018

2019

This is the 45th and final edition of the Yearbook of Statistics. The data included in the Yearbook was collected and processed by the Telecommunication Development Bureau (BDT) from replies received to ITU questionnaires sent to telecommunication ministries or regulators and national statistics offices. As such, the ITU Yearbook of Statistics provided the most authoritative source of data about the evolution of the telecommunication sector, the availability of ICTs in households and usage of ICTs by individuals. As per Council 2017, the pdf version is available free of charge to Member States from a protected link via secured Member States TIES access. For more information, please contact ITU Sales. As from 2020, the country-by-country pages formerly found in the Yearbook of Statistics will be found exclusively as part of the complete World Telecommunications/ICT Indicators Database, and no longer compiled separately. Yearbook of Statistics 2019 was the final edition in the series.



MEDIA	PRICE CHF	LANGUAGE	ARTICLE	ISBN	PAGES
	134.-	E	43228	978-92-61-29781-7	378
	80.-	E			



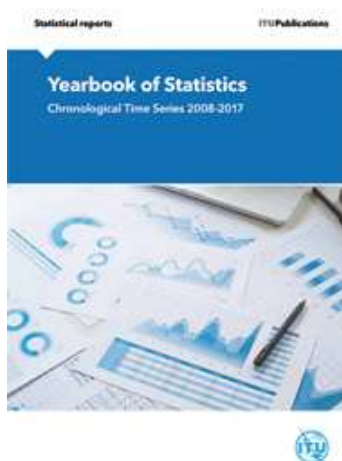
Measuring the Information Society Report

2018

The 10th edition of the Measuring the Information Society Report, an annual report published by ITU since 2009, features key ICT data and benchmarking tools to measure the information society. The report presents a quantitative analysis of the information society and highlights new and emerging trends and measurement issues. The 2018 report presents the current state of ICTs using data collected by ITU from its Member States and also feature chapters on ICT skills for the future, revenue and investment in the telecommunication sector and ICT prices. The report once again includes in Volume 2 individual country profiles providing a snapshot of the latest ICT landscape and efforts made to increase ICT access and use. The analytical report is complemented by a series of statistical tables providing country-level data for the indicators included in the ITU ICT Price Basket. Exceptionally, the pdf formats of Volumes 1 and 2 are now available free of charge via the BDT statistical pages Link. Other versions can be purchased below, including the complete zipped set of Volume 1 and Volume 2. This 2018 edition is the final edition of the series.



MEDIA	PRICE CHF	LANGUAGE	ARTICLE	ISBN	PAGES
	154.-	E	42351	978-92-61-27221-0	
	92.-	E			

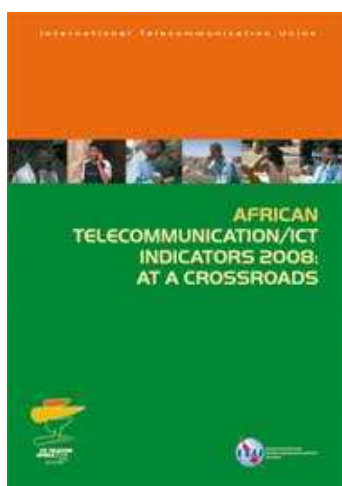




Yearbook of Statistics - Telecommunication/ICT Indicators - 2008-2017



This is the 44th edition of the Yearbook of Statistics. The data included in the Yearbook have been collected and processed by the Telecommunication Development Bureau (BDT) from replies received to ITU questionnaires sent to telecommunication ministries or regulators and national statistics offices. As such, the ITU Yearbook of Statistics provides the most authoritative source of data about the evolution of the telecommunication sector, the availability of ICTs in households and usage of ICTs by individuals. As per Council 2017, the pdf version is available free of charge to Member States from a protected link via secured Member States TIES access. For more information, please contact ITU Sales. The next edition in this series (2019 edition) includes data from 2009-2018 and is now available.

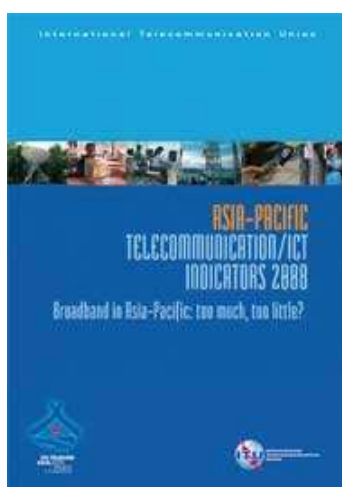
MEDIA	PRICE CHF	LANGUAGE	ARTICLE	ISBN	PAGES
	134.-	E	42529	978-92-61-28121-2	394
	80.-	E			



African Telecommunication/ICT Indicators 2008: At a crossroads



Prepared for Africa TELECOM 2008 (Cairo, Egypt, 12-15 May 2008), this report is an indispensable reference book of telecommunication facts and figures for the region. The publication provides an overview of market trends, including in the area of fixed, mobile and Internet services. It looks at the availability of ICTs in households and highlights the importance of community access to ICTs. It further looks at the role of different factors that will be crucial in connecting Africa, including regulation and taxes schemes in telecommunications/ICTs. The report includes some 20 regional tables covering key telecommunication/ICT indicators, 55 individual country pages with a five year profile from 2002-2006, and a directory with names of telecommunication ministries, regulators and operators in the region.

MEDIA	PRICE CHF	LANGUAGE	ARTICLE	ISBN	PAGES
	56.-	E F A	32345 32344 32346	92-61-12411-9 92-61-12412-7 92-61-12416-X	150 154
	56.-	E F			



Asia-Pacific Telecommunication/ICT Indicators 2008: Broadband in Asia-Pacific: too much, too little ?



Prepared for ITU TELECOM ASIA 2008 (Bangkok, Thailand, 2-5 September 2008), this report is an indispensable reference book of telecommunication/ICT facts and figures for the region. The publication provides an overview of recent market trends, including in the area of fixed, mobile and Internet services. It focuses on broadband developments in the region, including in terms of policies, technologies, competition, access, pricing and applications. The report highlights government policies in the area of broadband that may serve as best practice examples but also looks at and analyzes the region's broadband digital divide and makes a number of conclusions and recommendations. The report includes some 20 regional tables covering key telecommunication/ICT indicators, over 40 individual country pages with a five year profile from 2002 to 2007, and a directory with names of telecommunication ministries, regulators and operators in the region.

MEDIA	PRICE CHF	LANGUAGE	ARTICLE	ISBN	PAGES
	69.-	E	32954	92-61-12521-2	158
	69.-	E			

Americas Telecommunication Indicators

2005

The 2005 edition of ITU's Americas Telecommunication Indicators has been prepared especially for ITU TELECOM AMERICAS 2005 (Salvador da Bahia, Brazil, 3-6 October 2005). The publication consists of three parts: an analytical overview, regional and country statistics and a directory of telecommunication organizations. An overview of the region's telecommunication sector is the subject of the analytical overview. The statistical section consists of regional indicator tables covering areas such as fixed telephone, mobile, Internet and broadcasting data. Data are for year-end 2003 or 2004, where available. The directory section consists of the names and websites of telecommunication ministries, regulators and facilities-based telephone and cellular operators active in the region.




MEDIA	PRICE CHF	LANGUAGE	ARTICLE	ISBN	PAGES
	44.-	E	27672	92-61-11331-1	96
		S	27673	92-61-11333-8	96
	44.-	E			
		S			

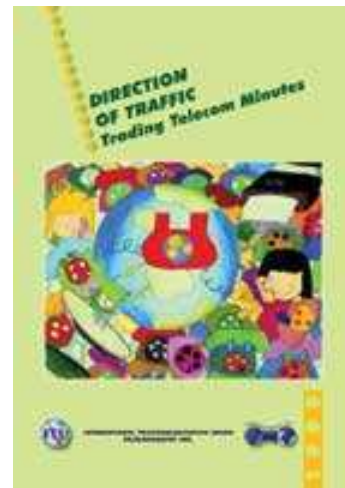


Direction of Traffic: Trading Telecom Minutes

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.

MEDIA	PRICE CHF	LANGUAGE	ARTICLE	ISBN	PAGES
	300.-	E	15630	92-61-08041-3	330
	300.-	E			
	500.-	E	15631	92-61-08171-1	



The Little Data Book on Information and Communication Technology

2016

The Little Data Book on Information and Communication Technology 2017 presents tables for over 217 economies around the world. It provides comparable data for 2005 and 2015 on key ICT indicators covering the economic and social context, the structure of the information and communication technology sector, sector efficiency and capacity, and sector performance related to access, usage, quality, affordability, trade, and applications. The glossary contains definitions of the terms used in the tables.

MEDIA	PRICE CHF	LANGUAGE	ARTICLE	ISBN	PAGES
	Free	E			



4.2 Study Groups

ITU-D study groups develop reports, guidelines and recommendations, based on study Questions approved by world telecommunication development conferences. Information is gathered through surveys, contributions and case studies. ITU-D study group publications are available, free of charge, on the ITU website.


Study Group 2



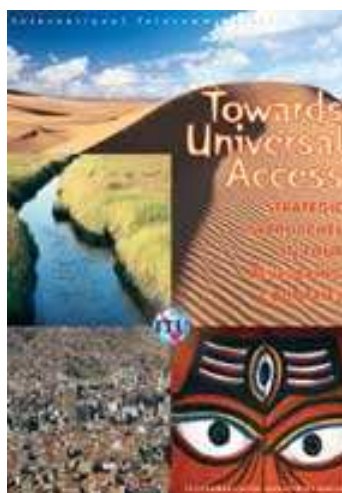
ITU-D Reports on Questions and Recommendations - Study Groups 1 and 2

2002 - (SG1 / SG2)

The ITU-D Study Groups were set up in accordance with Resolutions 2 of World Telecommunication Development Conference (WTDC) held in Buenos Aires, Argentina, in 1994). For the period 1998-2002, Study Group 1 is entrusted with the study of eleven Questions in the field of telecommunication development strategies and policies. Study Group 2 is entrusted with the study of seven Questions in the field of development and management of telecommunication services and networks. For this period, in order to respond as quickly as possible to the concerns of developing countries, instead of being approved during the WTDC, the output of each Question is published as and when it is ready.

MEDIA	PRICE CHF	LANGUAGE	ARTICLE	ISBN	PAGES
	589.-	E	19174		
		F	19175		
		S	19176		



48



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.

MEDIA	PRICE CHF	LANGUAGE	ARTICLE	ISBN	PAGES
	28.-	E	21327	92-61-09891-6	44
		F	21328	92-61-09892-4	44
		S	21329	92-61-09893-2	44
		R	23160	92-61-09894-0	42
	28.-	E			
		F			
		S			
		R			

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 telemedicine, 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.



MEDIA	PRICE CHF	LANGUAGE	ARTICLE	ISBN	PAGES
	64.-	E	18697	92-61-09091-5	112
		F	18698	92-61-09092-3	112
		S	18699	92-61-09093-1	112
		A	23649	92-61-09096-6	114
		R	21465	92-61-09094-X	107
	64.-	E			
		F			
		S			
		A			
		R			
	64.-	E, F, S	18726	92-61-09117-2	



Spectrum Management System for Developing Countries (SMS4DC)

2022

The Spectrum Management System for Developing Countries (SMS4DC) provides various functionalities for spectrum management activities. Version 5.2 of the software was developed from the contribution of MSIT (Republic of Korea). It contains the revised Article 5 of the Radio Regulations (as per decisions made at WRC-19), as well as further development on data transfer from other databases to the SMS4DC, such as BR Space IFIC Version 9, and calculations according to the HCM (European cross-border frequency coordination agreement). The SMS4DC also contains monitoring network planning for optimization of spectrum monitoring networks, an interface to the spectrum monitoring software of Rohde & Schwarz and of Thales and a general interface for any other monitoring software (TCI's for example). Self-learning training material can be provided upon request. The SMS4DC Edition 5.2 on a USB key is currently available for purchase. Please be aware that this version is outdated. A new edition, featuring the latest updates from the WRC, is anticipated by Q3 2024. Current Edition 5.2 subscribers may be eligible for free online access to the new edition on a case-by-case basis.

MEDIA	PRICE CHF	LANGUAGE	ARTICLE	ISBN	PAGES
	Free	E			
	5100.-	E, F, S	44837	978-92-61-36121-1	




4.3 Conference Publications



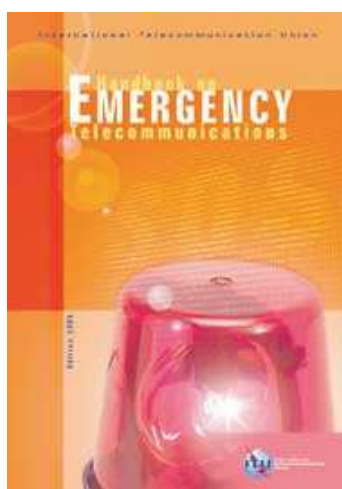
World Telecommunication Development Conference 2022 (WTDC-22): Final Report

2022

The World Telecommunication Development Conference 2022 Report is a blueprint for connecting the unconnected to achieve sustainable development. It features the Kigali Declaration, Kigali Action Plan, 28 regional initiatives - for Africa, the Americas, the Arab States, Asia and the Pacific, the Commonwealth of Independent States (CIS) and Europe - 40 revised resolutions and four new ones, and 14 ITU-D study Questions; all of which are designed to foster meaningful universal connectivity and sustainable digital transformation around the world in the period 2022-2025.

MEDIA	PRICE CHF	LANGUAGE	ARTICLE	ISBN	PAGES
	Free	E			
		F			
		S			
		A			
		C			
		R			




4.4 Handbooks



Emergency Telecommunications

2005

This Handbook on Emergency Telecommunications is written to serve as a close companion to those involved in the noble work of providing as well as using telecommunications for disaster mitigation and relief. It simplifies and demystifies the complex technical issues that characterize the fast evolving field of telecommunications, especially in this era of convergence and emergence of next-generation networks. While designed to be simple, the Handbook is comprehensive, compact and contains useful factual information that is concise and organized for easy access, in particular by practitioners.



MEDIA	PRICE CHF	LANGUAGE	ARTICLE	ISBN	PAGES
	98.-	E	26422	92-61-11091-6	182
		F	26423	92-61-11092-4	198
		S	26424	92-61-11093-2	204
		A	28214	92-61-11096-7	190
		C	28197	92-61-11095-9	184
		R	28215	92-61-11094-0	
	Free	E			
		F			
		S			
		C			
	98.-	E, F, S	28424	92-61-11537-3	



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.

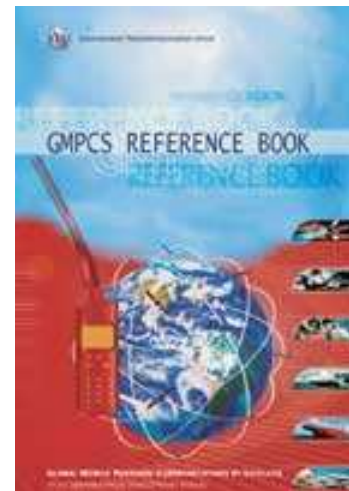
MEDIA	PRICE CHF	LANGUAGE	ARTICLE	ISBN	PAGES
	90.-	E	18438	92-61-08711-6	390
		F	18439	92-61-08712-4	418
		S	18440	92-61-08713-2	404
	90.-	E			
		F			
		S			

GMPCS Reference book

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.

MEDIA	PRICE CHF	LANGUAGE	ARTICLE	ISBN	PAGES
	48.-	E	16857	92-61-08311-0	388
		F	16858	92-61-08312-9	388
		S	16859	92-61-08313-7	388
	48.-	E			
		F			
		S			



4.5 E-Strategies



Sustainable Development Model (SSDM) Initiative. The advice of the Working Groups support the work of ITU by sharing recommendations within the framework of the SSDM Initiative.

This report provides concrete proposals and hands-on tools for those engaging in deploying rapid response emergency telecommunication for disaster relief, in terms of resource mobilization, training of volunteers and need regulatory measures and guidelines for the development and the smooth trans-border movement of telecommunications equipment in time of emergencies.

M-Government – Mobile Technologies for Responsive Governments and Connected Societies

2011

This report aims to foster a better understanding of how to leverage the economic and social impacts of the use of mobile technologies and applications to enable ubiquitous governments, sustain public sector innovation and transform public service delivery. The report is a joint-product of the collaboration between the International Telecommunication Union (ITU), the Organisation for Economic Co-operation and Development (OECD) and the United Nations Department of Economic and Social Affairs (UNDESA).

MEDIA	PRICE CHF	LANGUAGE	ARTICLE	ISBN	PAGES
	43.-	E	36819	92-61-13881-0	154
	Free	E			





Understanding cybercrime: Phenomena, challenges and legal response

2014

Cyberattacks are on the rise. The media constantly report about data breaches and increasingly sophisticated cybercrime. Even governments are affected. At the same time, it is obvious that technology alone cannot solve the problem. What can countries do? Which issues can be addressed by policies and legislation? How to draft a good law? The report assists countries in understanding what cybercrime is about, what the challenges are in fighting such crime and supports them in drafting policies and laws.

MEDIA	PRICE CHF	LANGUAGE	ARTICLE	ISBN	PAGES
	248.-	E	39677	978-92-61-15641-1	380
		F	39678	978-92-61-15642-8	398
		S	39679	978-92-61-15643-5	394
		A	39680	978-92-61-15646-6	414
		C	39681	978-92-61-15645-9	372
		R	39682	978-92-61-15644-2	394
	Free	E			
		F			
		S			
		A			
		C			
		R			

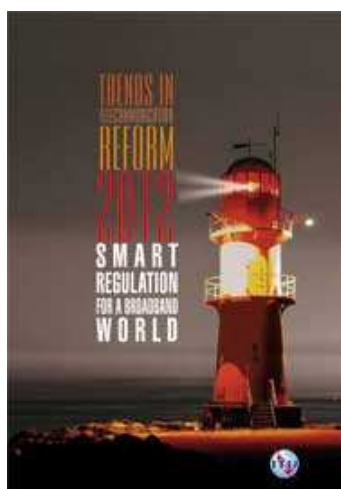
4.6 Publications on ICT Regulation

Trends in Telecommunication Reform Series

Trends in Telecommunication Reform 2012: Smart Regulation for a Broadband World

2012

The annual Trends in Telecommunication Reform publications are a key part of the dialogue with the world's information and communications technology (ICT) policy-makers and regulators to ensure that all citizens can benefit from new applications, services and businesses opportunities brought by a broadband world.

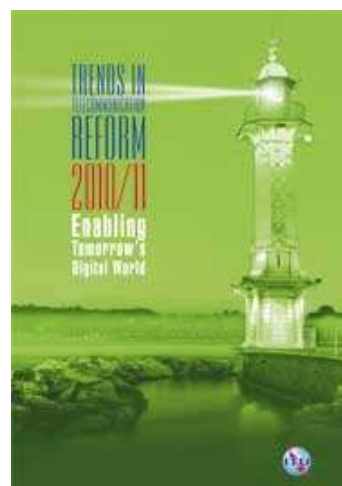





MEDIA	PRICE CHF	LANGUAGE	ARTICLE	ISBN	PAGES
	176.-	E	36834	978-92-61-13931-5	304
		F	36836	978-92-61-13932-2	340
		S	36837	978-92-61-13933-9	338
		A	36839	978-92-61-13936-0	306
		C	36840	978-92-61-13935-3	300
		R	36838	978-92-61-13934-6	308
	Free	E			
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		A			
		C			
		R			
	176.-	E, F, S, A, C, R	36841	978-92-61-13957-5	

Trends in Telecommunication Reform 2010-2011: Enabling Tomorrow's Digital World

2010/2011

The annual "Trends in Telecommunication Reform" publications are key part of ITU's effort to explore and amplify the wisdom of policy-makers and regulators in the ICT sector. The 11th edition will examine the challenges for regulators to stimulate nationwide broadband deployments through adaptive and targeted regulations and out-of-the-box tools, leading to a new ladder of regulation. With this regard, it is very important for regulators to understand the impact of broadband on and beyond the ICT sector as well as the driving forces of today's and tomorrow's ICT markets, notably the migration from analogue to digital terrestrial broadcasting and the allocation of the digital dividend. For markets to truly thrive, regulators need to prove successful in keeping up with the pace of convergence and integration of ubiquitous networks, in particular through adapting their institutional structure and mandate, adopting cutting-edge best practices and embracing new tools such as innovative dispute resolution techniques. The individual chapters will focus on salient issues such as the changing role of regulators in a digital world and their involvement in non-traditional areas of regulatory intervention, such as ICT climate change and cyberthreats. Last but not least, the Information Society is changing every aspect of our lives, whether in developing or developed countries and it is crucial to leverage the benefits it brings while mitigating the associated threats. What does it all mean for ICT users, but also for regulators and policy makers?






MEDIA	PRICE CHF	LANGUAGE	ARTICLE	ISBN	PAGES
	117.-	E	36060	92-61-13341-X	400
		F	36061	92-61-13342-8	440
		S	36062	92-61-13343-6	450
		A	36064	92-61-13346-0	464
		C	36065	92-61-13345-2	396
		R	36063	92-61-13344-4	404
	Free	E			
		F			
		S			
		A			
		C			
		R			
	117.-	E, F, S, A, C, R	36067	92-61-13367-3	

Trends in Telecommunication Reform 2009: Hands-on or hands-off? Stimulating growth through effective ICT regulation

2009

The annual Trends in Telecommunication Reform publications are a key part of ITU's effort to explore and amplify the wisdom of policy-makers and regulators in the ICT sector. The 10th edition will look at the delicate balance that regulators need to strike in order to operate between the hands-on and the hands-off approach to regulation. This balance is required to meet the expectations of key ICT stakeholders and is critical to stimulating growth in a converged environment. The blurring of boundaries between the once separate telecoms, Internet, broadcasting and media worlds is bringing new players to the arena, driving new opportunities and challenges. At the same time, regulatory authorities more than ever have a key role to play in fostering a safe and healthy ICT sector while meeting social goals, especially in a time of economic and financial uncertainty.






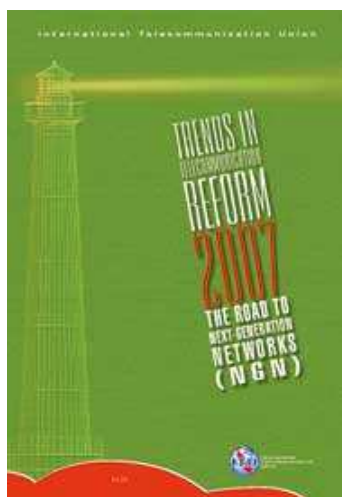
MEDIA	PRICE CHF	LANGUAGE	ARTICLE	ISBN	PAGES
	110.-	E	34482	92-61-12961-7	246
		F	34483	92-61-12962-5	280
		S	34487	92-61-12963-3	280
		A	34489	92-61-12966-8	298
		C	34490	92-61-12965-X	242
		R	34488	92-61-12964-1	278
	110.-	F			
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	110.-	E	34491	92-61-12971-4	
		E, F, S, A, C, R	34492	92-61-12987-0	



Trends in Telecommunication Reform 2008: Six Degrees of Sharing

Many developing countries are preparing for a second wave of regulatory reform designed to enable them to harness the promise of new technologies and participate fully in the information society. This report examines a range of innovative sharing strategies regulators can use to speed up the uptake of ICTs and promote widespread, affordable broadband access. This year's Trends focuses on "Six Degrees of Sharing", examining active and passive infrastructure sharing, open access to international capacity, business sharing, end-user sharing and regulatory sharing.





MEDIA	PRICE CHF	LANGUAGE	ARTICLE	ISBN	PAGES
	106.-	E	33377	92-61-12641-3	260
		F	33378	92-61-12642-1	296
		S	33379	92-61-12643-X	292
		A	33381	92-61-12646-4	290
		C	33382	92-61-12645-6	260
		R	33380	92-61-12644-8	308
	Free	E			
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		S			
		A			
		C			
		R			
	106.-	E, F, S, A, C, R	33383	92-61-12667-7	



Trends in Telecommunication Reform 2007: The Road to Next-Generation Networks (NGN)

2007



The 8th edition of Trends in Telecommunication Reform will examine the regulatory challenges and opportunities of Next-Generation Networks (NGN). This report is designed to provide regulators and policy makers with an understanding of the emerging NGN world, with a special focus on developing countries. It will examine NGN technologies and their regulatory implications, fixed mobile convergence (FMC), universal access, interconnection both domestic and international, consumer protection and an NGN enabling environment.

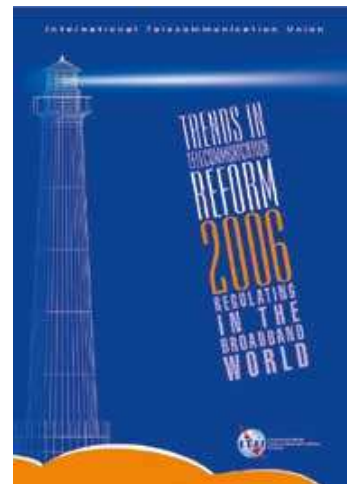
MEDIA	PRICE CHF	LANGUAGE	ARTICLE	ISBN	PAGES
	100.-	E	30135	92-61-11971-9	238
		F	30136	92-61-11972-7	264
		S	30137	92-61-11973-5	254
		A	30139	92-61-11976-X	276
		C	30140	92-61-11975-1	240
		R	30138	92-61-11974-3	238
	100.-	A			
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		R			
	100.-	E	30141	92-61-11991-3	

Trends in Telecommunication Reform 2006: Regulating in the broadband world

2006

The 7th edition of Trends in Telecommunication Reform examines the regulatory challenges and opportunities of enabling ICT development. The report provides regulators with tools they can use to promote effective and innovative development and use of ICTs in a competitive environment. This report provides an overview of developments in the ICT sector, specifically focusing on broadband, its advent, the technologies, the role of the regulator in broadband development, broadband spectrum management, voice over IP (VoIP) regulation, international efforts to combat spam (including a model law and enforceable code of conduct), and identifies best practices. The report is structured into eight chapters.




MEDIA	PRICE CHF	LANGUAGE	ARTICLE	ISBN	PAGES
	95.-	E	28388	92-61-11431-8	240
		F	28389	92-61-11432-6	240
		S	28390	92-61-11433-4	240
	Free	E			
		F			



Trends in Telecommunication Reform 2004: Licensing in an Era of Convergence

2004-2005

The sixth edition of Trends in Telecommunication Reform examines the various licensing options in the ICT sector to provide regulators with tools they can use to promote effective competition in a converging environment. The report provides an overview of licensing practices around the world and the rationale for licensing; identifies new trends such as unified licences; provides options; raises transition issues to be considered in moving from one regime to another; evaluates traditional licensing models; addresses scarce resources such as spectrum; and identifies best practices. The report is structured into eight chapters.

MEDIA	PRICE CHF	LANGUAGE	ARTICLE	ISBN	PAGES
	95.-	E	26063	92-61-10921-7	262
		F	26065	92-61-10922-5	294
		S	26066	92-61-10923-3	292
	Free	E			
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		S			
	95.-	E, F, S	26067	92-61-10937-3	



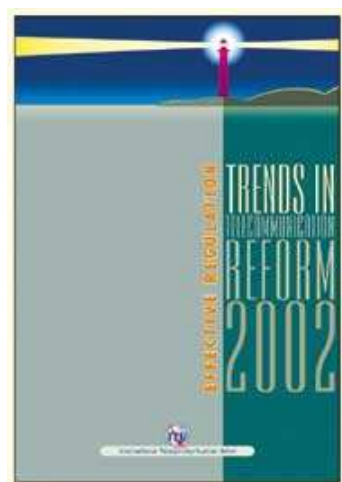


Trends in Telecommunication Reform 2003: Promoting Universal Access to ICTs - Practical tools for regulators

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.

MEDIA	PRICE CHF	LANGUAGE	ARTICLE	ISBN	PAGES
	90.-	E	23365	92-61-10381-2	264
		F	23366	92-61-10382-0	288
		S	23367	90-61-10383-9	282
		R	25523	92-61-10384-7	260
	Free	E			
		F			
		S			
		R			
	90.-	E, F, S	24497	92-61-10587-4	



Trends in Telecommunication Reform 2002: Effective Regulation

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.

MEDIA	PRICE CHF	LANGUAGE	ARTICLE	ISBN	PAGES
	90.-	E	21116	92-61-09641-7	296
		F	21117	92-61-09642-5	328
		S	21118	92-61-09643-3	318
		R	22443	92-61-09644-1	294
	Free	E			
		F			
		S			
		R			



Trends in Telecommunication Reform 2000-2001: Interconnection Regulation

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.

MEDIA	PRICE CHF	LANGUAGE	ARTICLE	ISBN	PAGES
	90.-	E	18313	92-61-08651-9	256
		F	18314	92-61-08652-7	286
		S	18315	92-61-08653-5	280
		A	21109	92-61-08656-X	238
		C		92-61-08655-1	237
		R	22812	92-61-08654-3	238
	Free	E			
		F			
		R			

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.



MEDIA	PRICE CHF	LANGUAGE	ARTICLE	ISBN	PAGES
	225.-	E, F, S	16200	92-61-08147-9	



General Trends in Telecommunication Reform "Europe": Volume VI

Volume VI

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.



MEDIA	PRICE CHF	LANGUAGE	ARTICLE	ISBN	PAGES
	72.-	E	13061	92-61-06831-6	216
		F	13062	92-61-06832-4	216
		S	13063	92-61-06833-2	216
		C	24547	92-61-06835-9	216
	72.-	E			
		F			
		S			



General Trends in Telecommunication Reform "Asia Pacific": Volume V

Volume V

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.



MEDIA	PRICE CHF	LANGUAGE	ARTICLE	ISBN	PAGES
	60.-	E	13058	92-61-06821-9	158
		F	13059	92-61-06822-7	158
		S	13060	92-61-06823-5	158
		C	13060	92-61-06823-5	158
	60.-	E			
		F			
		S			



General Trends in Telecommunication Reform "Arab States": Volume IV

Volume IV

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

MEDIA	PRICE CHF	LANGUAGE	ARTICLE	ISBN	PAGES
	45.-	E	13055	92-61-06811-1	94
		F	13056	92-61-06812-X	94
		S	13057	92-61-06813-8	94
	45.-	E			
		F			
		S			







General Trends in Telecommunication Reform "Americas": Volume III

Volume III

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.

MEDIA	PRICE CHF	LANGUAGE	ARTICLE	ISBN	PAGES
	55.-	E	13052	92-61-06801-4	146
		F	13053	92-61-06802-2	146
		S	13054	92-61-06803-0	146
		C	24547	92-61-06803-0	146
	55.-	E			
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General Trends in Telecommunication Reform "Africa": Volume II

Volume II

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.



MEDIA	PRICE CHF	LANGUAGE	ARTICLE	ISBN	PAGES
	65.-	E			
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General Trends in Telecommunication Reform "World": Volume I

Volume I

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.




MEDIA	PRICE CHF	LANGUAGE	ARTICLE	ISBN	PAGES
	75.-	E	13046	92-61-06781-6	262
		F	13047	92-61-06782-4	262
		S	13048	92-61-06783-2	262
		C	17625	92-61-06785-9	262
	75.-	E			
		F			
		S			

Publications on Economics & Finance

Trends in Economics and Finance Volume II: Use of Economic Modelling in Telecommunications

2006

In the telecommunication industry, economic modelling techniques such as regression analysis, simulations and linear programming are powerful tools that can aid decision making for governments, regulatory authorities and telecommunication operators. Nevertheless, in many countries such techniques are often under-employed. The aim of this report is to describe the various economic modelling techniques and how they can be used to solve practical problems facing the telecommunication industry: for example how a proposed merger may affect competitive behaviour or how demand and profitability may be affected by a price change.


MEDIA	PRICE CHF	LANGUAGE	ARTICLE	ISBN	PAGES
	45.-	E	28379	92-61-11421-0	76
		F	28380	92-61-11422-9	80
		S	28381	92-61-11423-7	80
		A	29879	92-61-11426-1	87
		C	29880	92-61-11425-3	76
		R	29878	92-61-11424-5	78
	45.-	E			
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	45.-	E, F, S, A, C, R	29881	92-61-11837-2	

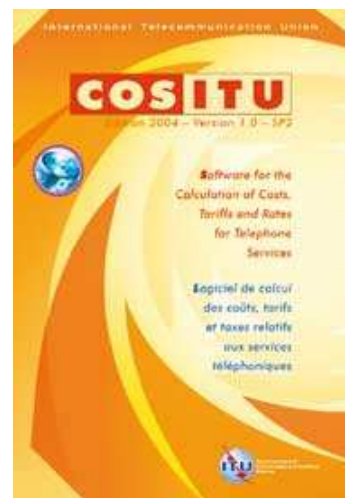


COSITU Version 1.0 SP2 - Software for the Calculation of Costs, Tariffs and Rates for Telephone Services

2004

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 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 SP2 is a bilingual software package (software on CD-ROM + user manual: English/Spanish and English/French versions).

MEDIA	PRICE CHF	LANGUAGE	ARTICLE	ISBN	PAGES
	400.-	E, F	25970	92-61-10997-7	
		E, S	21961	92-61-10987-X	



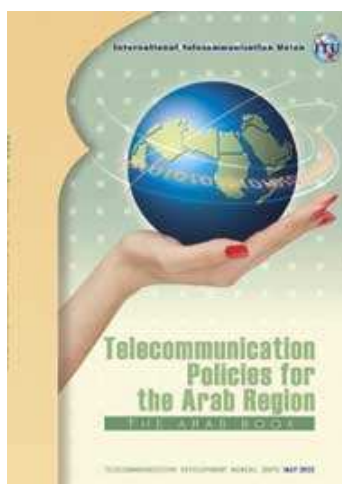


Investing in Telecommunications and ICTs in Developing Markets: Shifting the Paradigm

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.

MEDIA	PRICE CHF	LANGUAGE	ARTICLE	ISBN	PAGES
	90.-	E	24629	92-61-10611-0	204
		F	24630	92-61-10612-9	218
		S	24631	92-61-10613-7	218
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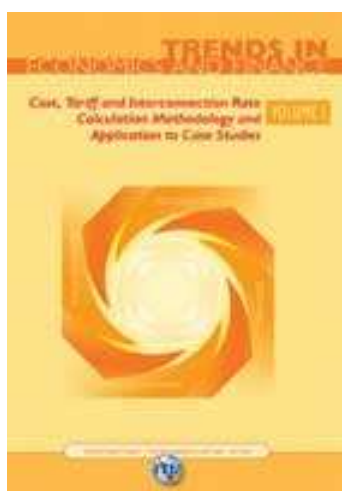


Telecommunication Policies for the Arab Region (The Arab Book)

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.

MEDIA	PRICE CHF	LANGUAGE	ARTICLE	ISBN	PAGES
	50.-	E	21595	92-61-10001-5	148
		F	21596	92-61-10002-3	170
		A	21597	92-61-10006-6	164



Trends in Economics and Finance Volume I: Cost, Tariff and Interconnection Rates - Calculation Methodology and Application to Case Studies

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.

MEDIA	PRICE CHF	LANGUAGE	ARTICLE	ISBN	PAGES
	50.-	E	20539	92-61-07361-1	116
		F	20540	92-61-07362-X	112
		S	20541	92-61-09503-8	118
		R	22046	92-61-07364-6	104
	50.-	E			
		F			
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Telecommunication Policies for the Americas (The Blue Book)

2000

This second edition of the Blue Book is the result of continued coordination and collaboration between the ITU-D and CITEI (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.


MEDIA	PRICE CHF	LANGUAGE	ARTICLE	ISBN	PAGES
	50.-	E S R			

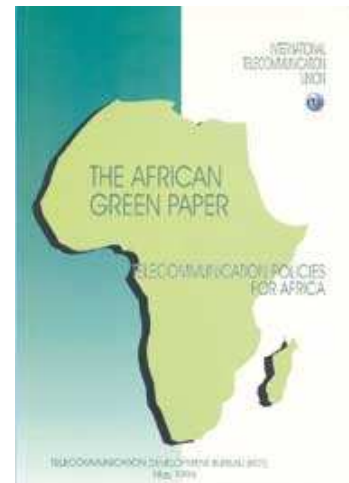


The African Green Paper: Telecommunication Policies for Africa

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).

MEDIA	PRICE CHF	LANGUAGE	ARTICLE	ISBN	PAGES
	60.-	E F	7215 7216	92-61-06321-7 92-61-06322-5	160 160





61

Issues in Telecommunications Development Volume I: Finance and Trade

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.

MEDIA	PRICE CHF	LANGUAGE	ARTICLE	ISBN	PAGES
	80.-	E F S A R	13128 13194 13195 16746 20787	92-61-07361-1 92-61-07362-X 92-61-07363-8 92-61-07366-2 92-61-07364-6	496 496 496 496 496
	80.-	E F S			







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

1999

On behalf of the 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.



MEDIA	PRICE CHF	LANGUAGE	ARTICLE	ISBN	PAGES
	100.-	E	14362	92-61-07721-8	692
		F	14363	92-61-07722-6	692
		S	14364	92-61-07723-4	692
	100.-	E			
		F			
		S			



Reforming the international accounting rate system - 1999

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.

MEDIA	PRICE CHF	LANGUAGE	ARTICLE	ISBN	PAGES
	60.-	E	16854	92-61-08341-2	224
		F	16855	92-61-08342-0	224
		S	16856	92-61-08343-9	224
		R	26969	92-61-08344-7	
	60.-	E			
		F			
		S			

Overview About ITU

ITU is the United Nations specialized agency for information and communication technologies – ICTs.

We allocate global radio spectrum and satellite orbits, develop the technical standards that ensure networks and technologies seamlessly interconnect, and strive to improve access to ICTs to underserved communities worldwide.

ITU is committed to connecting the world. Through our work, we protect and support everyone's fundamental right to communicate.

Today, ICTs underpin everything we do. They help manage and control emergency services, water supplies, power networks and food distribution chains. They support health care, education, government services, financial markets, transportation systems, e-commerce platforms and environmental management. And they allow people to communicate with colleagues, friends and family anytime, and almost anywhere.

With the help of our global membership, ITU brings the benefits of modern communication technologies to people everywhere in an efficient, safe, easy and affordable manner.

We're unique among UN agencies in having both public and private sector membership. ITU's global membership includes **194 Member States** as well as some **900 companies, universities, and international and regional organizations**.

In an increasingly interconnected world, ITU is the single global organization embracing all players in this dynamic and fast-growing sector.

Every time you turn on your radio or television, hop on a plane, call home on your mobile phone, access the Internet or find your location with your smartphone, tablet or personal computer, every time you watch the weather forecast or explore the Earth through satellite images, you are using one of the vital services that the ITU is coordinating worldwide.

ITU's Radiocommunication Sector (ITU-R) is responsible for management of the radio-frequency spectrum and satellite orbit resources. With the relentless expansion of wireless services worldwide, all services relying on radiowaves are competing for a share of the radio-frequency spectrum to support new applications, growing user numbers and exploding traffic. The importance and relevance of ITU-R work is therefore increasing every day.

ITU standards (called Recommendations) are fundamental to the operation of today's advanced wireless, broadband and multimedia technologies. ITU's Telecommunication Standardization Sector (ITU-T) plays a crucial role in defining the core transport and access technologies that underpin communications networks around the world; an estimated 95 per cent of international communications traffic runs over optical transport networks built in conformance with ITU standards.

ITU-T releases over 300 standards each year covering everything from core network functionality to voice and video compression that allow systems to work and interoperate both locally and globally. If your product or service requires any kind of international buy-in, you need to be part of the standardization discussions in ITU's Telecommunication Standardization Sector (ITU-T).

Whether you are interested in entering or expanding your presence in emerging markets, demonstrating global ICT leadership, or learning how to put good policy into practice, in an increasingly networked world, expanding access to ICTs globally is in everybody's interest.

ITU's Telecommunication Development Sector (ITU-D) implements projects that make a difference in the lives of people around the world and offer sustainable and innovative solutions for achieving global development through ICTs. ITU-D also regularly publishes the industry's most comprehensive and reliable ICT statistics, and an annual overview of global regulatory trends in this fast-evolving sector.

Our vision Committed to connecting the world

Virtually every facet of modern life – from transport to entertainment and business, at work and at home – depends on ICTs.

The global telecommunication system is the largest and most sophisticated engineering feat ever created. You use communication systems every time you log on to the Internet, send an e-mail or SMS, consult satellite navigation systems, listen to the radio, watch television, travel by plane or ship – and of course, every time you use a mobile phone or computer.

Today, there are over eight billion mobile phone subscriptions and over five billion mobile phone subscribers with tens of millions of new Internet users every year. Hundreds of millions of people around the world use satellite services – whether getting directions from a satellite navigation system, checking the weather forecast, watching television, or surfing the web from remote and isolated areas. Millions more use ITU video compression standards every day via their mobile phones and cameras.

ITU is at the heart of the ICT sector, brokering agreement on technologies, services, and allocation of global resources like radio-frequency spectrum and satellite orbital frequencies, to create a seamless global communications system that's robust, reliable, and constantly evolving.

- ITU technical standards, protocols and international agreements are the essential elements underpinning the global communications system, including for fixed backhaul, mobile and satellite networks.
- ITU coordinates the world's satellites through the management of spectrum and orbital frequencies, which bring you television, vehicle GPS

navigation, maritime and aeronautical communications, weather information and online maps, and enable communications in even the most remote parts of the planet.

- Through optical transport and broadband access networks, the vast majority of Internet connections and voice calls are facilitated by ITU standards.
- ITU helps support communications in the wake of disasters and emergencies through on-the-ground assistance, dedicated emergency communications channels, technical standards for early-warning systems, and practical support for building disaster resilient telecommunications infrastructure.
- ITU collaborates closely with its Member States and industry to define the new technologies that will support tomorrow's networks and services (e.g. IMT-2020 or 5G networks and beyond, to 6G).
- ITU's work helps power the mobile revolution, forging the technical standards and policy frameworks that make mobile and broadband possible.
- ITU works with public and private sector partners to ensure that ICT access and services are affordable, equitable and universal.
- ITU empowers people around the world through technology education and training, and engages with members from academia to build networks and tap the power of tomorrow's innovators.

General Secretariat

The mission of the ITU General Secretariat is to provide high-quality and efficient services to the membership of the Union. The General Secretariat manages the administrative and financial aspects of the Union's activities, including the provision of conference services, planning and organization of major meetings, information services, security, strategic planning, and corporate functions such as communications, legal advice, finance, personnel, procurement, and internal audit.

The General Secretariat is the unit responsible for ongoing management of the activities around the World Summit on the Information Society (WSIS) process, including the annual WSIS Forum, and also manages activities in support of ITU Council and four-yearly Plenipotentiary Conferences.

Radiocommunication

Satellites enable phone calls, television and radio programmes, navigation and online maps. Space services are vital in monitoring and transmitting changes in such data as ocean temperature, vegetation patterns and greenhouse gases – helping us predict famines, the path of a hurricane, or how the global climate is changing. The explosive growth of wireless communications, and particularly wireless broadband, demonstrates the need for global solutions to address the need for additional radio spectrum allocations and harmonized standards to improve interoperability.

ITU's Radiocommunication Sector (ITU-R) coordinates this vast and growing range of radiocommunication services, as well as the international management of the radio-frequency spectrum and satellite orbital frequencies. An increasing number of players need to make use of these limited resources, and participating in ITU-R conferences and study group activities – where important work is done on mobile broadband communications and broadcasting technologies such as Ultra HDTV and 3D TV – is becoming an ever-higher priority for both governments and industry players.

Standardization

ITU standards (called Recommendations) are fundamental to the operation of today's advanced wireless, broadband and multimedia technologies. ITU's Telecommunication Standardization Sector (ITU-T) plays a crucial role in defining the core transport and access technologies that underpin communications networks around the world; an estimated 95 per cent of international communications traffic runs over optical transport networks built in conformance with ITU standards.

In a typical year, ITU will produce or revise upwards of 150 standards covering everything from core network functionality to voice and video compression that allow systems to work and interoperate both locally and globally. If your product or service requires any kind of international buy-in, you need to be part of the standardization discussions in ITU's Telecommunication Standardization Sector (ITU-T).

Development

Whether you are interested in entering or expanding your presence in emerging markets, demonstrating global ICT leadership, or learning how to put good policy into practice, in an increasingly networked world, expanding access to ICTs globally is in everybody's interest.

ITU's Telecommunication Development Sector (ITU-D) implements projects that make a difference in the lives of people around the world and offer sustainable and innovative solutions for achieving global development through ICTs. ITU-D also regularly publishes the industry's most comprehensive and reliable ICT statistics, and an annual overview of global regulatory trends in this fast-evolving sector.



Why be a part of ITU?

The ICT industry is undergoing rapid change. Strategic cooperation and understanding between all stakeholders are vital when decisions can have huge political, social and financial consequences.

ITU offers a unique, neutral, global platform to come together and:

- share ideas and knowledge, and exchange best practice
- agree on global technical standards in a consensus-based and transparent environment
- engage directly with governments, regulators and industry leaders
- establish fruitful partnerships
- influence the shape of your industry
- ensure that your products are safe, reliable, globally compatible and future-proof
- benefit from the world's most comprehensive, reliable ICT statistics
- gain access to top-level ICT publications
- plug into local knowledge through ITU's extensive network of regional and area offices.



Global meeting place

ITU regularly hosts global and regional events and workshops that are open to members and sometimes also to non-members. Considered by many as the global gathering place for the ICT sector, ITU is famous for events like the WSIS Forum, AI for Good Summit, ITU Digital World, which bring together the most influential representatives of government and industry to exchange ideas and knowledge for the benefit of all. Digital World is a key platform for helping countries develop and nurture new local, regional and international business opportunities.

By connecting the world and fulfilling everyone's fundamental right to communicate, we strive to make the world a better and safer place.

Developing skills and knowledge

'Connecting the unconnected' is not just a question of putting infrastructure in place. Networks need to be supported by effective regulatory strategies and policies and an understanding of future trends: technical, social and economic. ITU brings partners together to discuss these issues, share insights and best practice, and lay the groundwork for long-term industry growth. ITU publishes regular reports highlighting important developments and also has its own ITU Academy programme, which trains technicians, regulators, administrators and local communities in how best to harness the power of ICTs.

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Geneva, 2025