

# ITU CATALOGUE OF PUBLICATIONS

15  1865  
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# Catalogue of ITU publications

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Thank you for your trust in ITU publications and for continuing to support our work as a leading international publisher of information and communication technology (ICT) reports and data.

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ITU has a range of products that makes us unique in the publishing world. In this catalogue, you'll find titles on topics ranging from spectrum management and satellite communications to ICT statistics and policy and development reports. So whether you're a broadcast engineer, an ICT regulator, a computer systems specialist, a telecoms professional, a business analyst or a student of ICTs, you're sure to find something of interest. As ITU's activities broaden to reflect the increasing pervasiveness of digital technologies in just about every business sector, you'll also find new titles on topics such as cybersecurity, e-health, using ICTs to combat climate change, the effective deployment of ICTs in emergency communications, next-generation technical standards, and much more.

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ITU publishes in all six official UN languages – Arabic, Chinese, English, French, Russian and Spanish – and many (though not all) titles are available in multilingual versions. This catalogue also contains useful information on pricing discounts, methods of payment and related conditions of sale, as well as a list of whom to contact should you need additional support.

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Chief, Conferences and 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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Publication date

Abstract of publication

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A=Arabic

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# About ITU Overview

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 all the world's people** – wherever they live and whatever their means. 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.

ITU membership reads like a Who's Who of the ICT sector. We're unique among UN agencies in having both public and private sector membership. So in addition to our **193 Member States**, ITU membership includes ICT regulators, many leading academic institutions worldwide, and some **700 tech companies**.

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



# Our vision

# Committed to connecting the world

Virtually every facet of modern life – in business, culture or entertainment, at work and at home – depends on information and communication technologies (ICTs).

The global international telecommunications network is the largest and most sophisticated engineering feat ever created. You use it every time you log on to the web, send an e-mail or SMS, consult online navigation systems, listen to the radio, watch television, order something online, travel by plane or ship – and of course every time you use a mobile phone, smartphone or tablet computer.

Today, there are over seven billion mobile phone subscribers, well over 1.4 billion households with access to television, and 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 or watching TV or surfing the Net from isolated areas. Millions more use ITU video compression standards every day via their mobile phones, music players and cameras.

ITU is at the very 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 makes **phone calls** possible: whether to the office next door, or to a friend or colleague in another country. ITU technical standards, protocols and international agreements are the essential elements underpinning the global telecommunication system.
- ITU coordinates the world's **satellites** through the management of spectrum and orbital frequencies, bringing you television, vehicle GPS navigation, maritime and aeronautical communications, weather information and online maps, and enabling communications in even the most remote parts of the planet.
- ITU makes **Internet** access possible. Behind the scenes, through optical transport and broadband access networks, the vast majority of Internet connections 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 help in rebuilding after a catastrophe.
- ITU works with the industry to **define the new technologies** that will support tomorrow's networks and services.
- ITU powers 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 4-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 **ICT networks**. For **Internet access, transport protocols, voice and video compression, home networking**, and myriad other aspects of ICTs, hundreds of ITU standards allow systems to work and interoperate – locally and globally. For instance, the Emmy award-winning standard **ITU-T H.264** and **new gold standard H.265** are the world's most popular standards for video compression. In a typical year, ITU will produce or revise upwards of 150 standards covering everything from core network functionality to next-generation services such as **IPTV**. 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

ITU's **Telecommunication Development Sector (ITU-D)** has a programme to offer you – whether you are interested in entering or expanding your presence in **emerging markets**, demonstrating global ICT leadership, learning how to put good **policy** into practice, or pursuing your mandate for **corporate social responsibility**. In an increasingly networked world, expanding access to ICTs globally is in everybody's interest. ITU champions a number of major initiatives which encompass ITU's internationally-accorded mandate to '**promote digital inclusion**' and bridge the digital divide. ITU 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** is 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, transparent and fair environment
- **engage directly** with governments, regulators and industry leaders
- establish fruitful **partnerships**
- exert **direct influence** in shaping your industry and the future
- 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**
- profit from the **support** of highly-educated, international and multilingual staff
- plug into **local knowledge** through ITU's regional and area offices.

**While continuing to address the needs of established players, ITU also recognizes and fulfils the needs of new market entrants.**





## 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 to be the global gathering place for the ICT sector, ITU is famous for events like **ITU Telecom World**, which brings together the most influential representatives of government and industry to exchange ideas and knowledge for the benefit of all. A strong new focus on small and medium enterprises is now making ITU Telecom 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 have 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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## 1.1 General

### ITU News

2014


MEDIA	PRICE CHF	LANGUAGE	ARTICLE	ISBN	PAGES
	100.- Yearly sub.	E	15794		
		F	15795		
		S	15796		
		A			
		C			
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NEW

### ITU: Committed to connecting the world

2011

MEDIA	PRICE CHF	LANGUAGE	ARTICLE	ISBN	PAGES
	Free	E			
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		C			
		R			




3

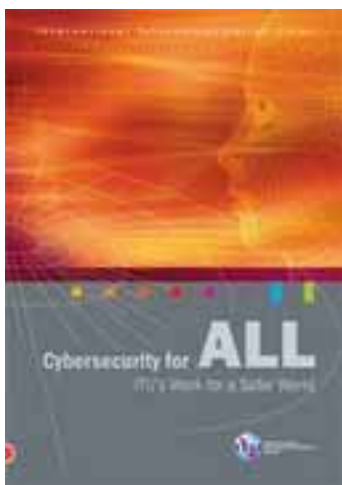
### Moby and the story of the telephone

2009

This book tells the story of the telephone and its technology, from ancient times to the present day. It explains the basic physical principles in simple terms, and is intended for anyone of high-school age or older curious to understand how this everyday object works.... A mobile phone belonging to one of the sales staff gets locked up in the shop, giving it the perfect opportunity to tell the latest batch of phones their own STORY - the history of the telephone!

MEDIA	PRICE CHF	LANGUAGE	ARTICLE	ISBN	PAGES
	20.-	E	34191	92-61-12941-2	68
		F	34192	92-61-12942-0	68
		S	34193	92-61-12943-9	68
		A	34195	92-61-12946-3	68
		C	34196	92-61-12945-5	68
		R	34194	92-61-12944-7	68






### Cybersecurity for All: ITU's Work for a Safer World

2008

This publication explains ITU's role in cybersecurity. ITU's Standardization Sector (ITU-T) holds a unique position in the field of standardization: its work brings together the private sector and governments to coordinate work and promote the harmonization of security policy and security standards on an international scale. Standardization can help guarantee established levels of performance and security in technologies, systems and products and help provide businesses with a systematic approach to information security. Manufacturers and service providers can be sure that their concerns have been reviewed in consultation with leading experts in the field in reaching the standard approach or processes needed to achieve minimum levels of performance. As well as many key security Recommendations, ITU has developed overview security requirements, security guidelines for protocol authors, guidance on how to identify cyberthreats and countermeasures to mitigate risks. ITU's work on security covers a broad range of activities in security from network attacks, theft or denial of service, theft of identity, eavesdropping, tele-biometrics for authentication, security for emergency telecommunications and telecommunication network security requirements.

MEDIA	PRICE CHF	LANGUAGE	ARTICLE	ISBN	PAGES
	Free	E			




### Optimization Coding Theory and Multithreshold Algorithms

2015

This work sets out the basic principles of modern error-correction coding optimization theory, before moving on to consider multithreshold decoding (MTD) algorithms. With each symbol correction iteration, these iterative algorithms always find decisions of strictly increasing likelihood and can achieve optimum results that would normally require exhaustive search of all possible code words. It reviews the capabilities of symbolic codes discovered by the authors and the corresponding, simple-to-implement special symbolic MTD decoders, which are easier and more efficient than all other known methods of decoding non-binary codes. Concatenated parallel-type arrangements and other configurations that enhance the efficiency of MTD are proposed. The efficiency limits of real codes with a code rate close to channel capacity, i.e. when  $R \approx C$ , are evaluated. The effectiveness and complexity of error-correction procedures in software and hardware implementation are assessed. This work will be of interest to experts in the field of coding theory, communication system developers and undergraduate and postgraduate students in relevant disciplines.

**NEW**


MEDIA	PRICE CHF	LANGUAGE	ARTICLE	ISBN	PAGES
	60.-	E			



### 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
		R	39919	978-92-61-15684-8	94

**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](http://www.itu.int/accessibility).


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



NEW

**The Quest for Cyber Confidence**  
2014

This book addresses the increasingly daunting task of building confidence in the use of cyber platforms and technologies against a backdrop of recent high-profile security breach incidents and a plethora of emerging threats that have shaken trust in these essential tools of our time. It follows publication of *The Quest for Cyber Peace* in 2009, which focuses on the promotion of cyber peace in a sphere which has generated tremendous benefits and progress to mankind, but also spawned widespread criminal activities and created new avenues for intelligence gathering, industrial espionage, and conflict. Necessarily, this volume returns to these issues revolving around the overriding theme of the use of the cyber domain as a potent force for either good or evil, especially the impact of the 'dark' Internet on trust in the cyber dimension. Here, however, its central theme promotes the concept of cyber confidence.

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






## 1.2 Conference Publications



### Final Acts of the World Conference on International Telecommunications (WCIT-12)

Dubai, 2012

The International Telecommunication Regulations (ITRs) will serve as the binding global treaty designed to facilitate international interconnection and interoperability of information and communication services, as well as ensuring their efficiency and widespread public usefulness and availability. The treaty sets out general principles for assuring the free flow of information around the world, promoting affordable and equitable access for all and laying the foundation for ongoing innovation and market growth.




MEDIA	PRICE CHF	LANGUAGE	ARTICLE	ISBN	PAGES
	93.-	E	37779	978-92-61-14181-3	132
		F	37780	978-92-61-14182-0	132
		S	37781	978-92-61-14183-7	132
		A	37782	978-92-61-14186-8	132
		C	37783	978-92-61-14185-1	132
		R	37784	978-92-61-14184-4	132
	Free	E			
		F			
		S			
		A			
		C			
	93.-	E, F, S, A, C, R	37785	978-92-61-14197-4	

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

2015

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
	129.-	E	40045	978-92-61-16101-9	286
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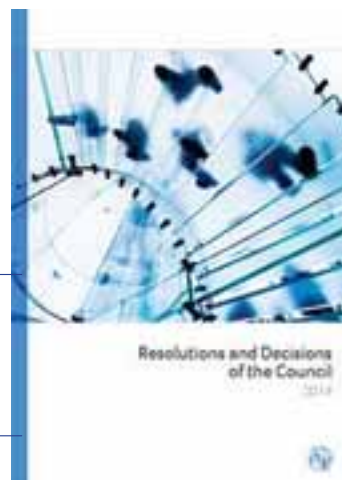


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2014

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		S	39148	978-92-61-14703-7	276
		A	39149	978-92-61-14706-8	276
		C	39150	978-92-61-14705-1	276
		R	39151	978-92-61-14704-4	276
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**NEW**

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

2013

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).

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	119.-	E	38502	978-92-61-14381-7	270
		F	38503	978-92-61-14382-4	270
		S	38504	978-92-61-14383-1	270
		A	38505	978-92-61-14386-2	270
		C	38506	978-92-61-14385-5	270
		R	38507	978-92-61-14384-8	270
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		F			
		S			
		A			
		C			
		R			
	119.-	E, F, S, A, C, R	38508	978-92-61-14397-8	



**NEW**






**NEW**

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

2015

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. • • Free online access to the electronic versions in all languages is now provided to the general public.




MEDIA	PRICE CHF	LANGUAGE	ARTICLE	ISBN	PAGES
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		F	39141	978-92-61-14692-4	906
		S	39142	978-92-61-14693-1	906
		A	39143	978-92-61-14696-2	906
		C	39144	978-92-61-14695-5	906
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		R			
	153.-	E, F, S, A, C, R	39330	978-92-61-15077-8	

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

2011

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; f) an Index of all provisions in the Constitution, Convention, General Rules, Optional Protocol, Decisions, Resolutions, Recommendations.






MEDIA	PRICE CHF	LANGUAGE	ARTICLE	ISBN	PAGES
	115.-	E	36272	92-61-13231-6	720
		F	36273	92-61-13232-4	720
		S	36274	92-61-13233-2	720
		A	36276	92-61-13236-7	720
		C	36277	92-61-13235-9	720
		R	36275	92-61-13234-0	720
	Free	E			
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	115.-	E, F, S, A, C, R	36278	92-61-13247-2	

### Final Acts of the Plenipotentiary Conference

Busan, 2014

Decisions, Resolutions, recommendations adopted by previous Plenipotentiary Conferences, Kyoto, 1994; Minneapolis, 1998; Marrakesh, 2002; Antalya, 2006; and Guadalajara, 2010, as amended by the Plenipotentiary Conference (Busan, 2014) and new Decisions and Resolutions adopted by the Plenipotentiary Conference (Busan, 2014).

MEDIA	PRICE CHF	LANGUAGE	ARTICLE	ISBN	PAGES
	109.-	E	39116	978-92-61-14461-6	622
		F	39117	978-92-61-14462-3	622
		S	39118	978-92-61-14463-0	622
		A	39119	978-92-61-14466-1	622
		C	39120	978-92-61-14465-4	622
		R	39121	978-92-61-14464-7	622
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		S			
		A			
		C			
	109.-	E, F, S, A, C, R	39122	978-92-61-14477-7	






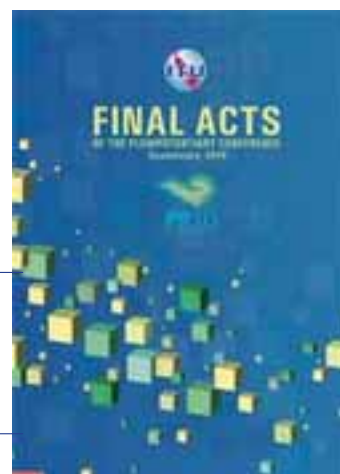
NEW

### Final Acts of the Plenipotentiary Conference

Guadalajara, 2010

Instruments amending the Constitution and the Convention of the International Telecommunication Union (Geneva, 1992) as amended by the Plenipotentiary Conference (Kyoto, 1994), the Plenipotentiary Conference (Minneapolis, 1998), the Plenipotentiary Conference (Marrakesh, 2002) and the Plenipotentiary Conference (Antalya, 2006).

MEDIA	PRICE CHF	LANGUAGE	ARTICLE	ISBN	PAGES
	104.-	E	36068	92-61-13211-1	466
		F	36069	92-61-13212-X	466
		S	36070	92-61-13213-8	466
		A	36072	92-61-13216-2	466
		C	36073	92-61-13215-4	466
		R	36071	92-61-13214-6	466
	Free	E			
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		A			
		C			
	104.-	E, F, S, A, C, R	36074	92-61-13227-8	






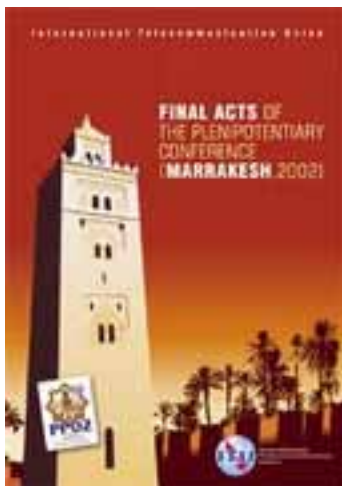


### Final Acts of the Plenipotentiary Conference

Antalya, 2006

Instruments amending the Constitution and the Convention of the International Telecommunication Union (Geneva, 1992) as amended by the Plenipotentiary Conference (Kyoto, 1994), the Plenipotentiary Conference (Minneapolis, 1998) and the Plenipotentiary Conference (Marrakesh, 2002).




MEDIA	PRICE CHF	LANGUAGE	ARTICLE	ISBN	PAGES
	75.-	E	29897	92-61-11841-0	382
		F	29898	92-61-11842-9	382
		S	29899	92-61-11843-7	382
		A	29901	92-61-11846-1	382
		C	29902	92-61-11845-3	382
		R	29900	92-61-11844-5	382
	Free	E			
		F			
		S			
		A			
		C			
	75.-	E, F, S, A, C, R	29903	92-61-11857-7	



### Final Acts of the Plenipotentiary Conference

Marrakesh, 2002




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

MEDIA	PRICE CHF	LANGUAGE	ARTICLE	ISBN	PAGES
	60.-	E	22935	92-61-10221-2	372
		F	22936	92-61-10222-0	372
		S	22937	92-61-10223-9	372
		A	22939	92-61-10226-3	368
		C	22940	92-61-10225-5	368
		R	22941	92-61-10224-7	368
	Free	E			
		F			
		S			
		A			
		C			
	60.-	E, F, S, A, C, R	22938	92-61-10237-9	

### Final Acts of the Plenipotentiary Conference

Minneapolis, 1998

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



MEDIA	PRICE CHF	LANGUAGE	ARTICLE	ISBN	PAGES
	48.-	E	14099	92-61-07641-6	300
		F	14133	92-61-07642-4	300
		S	14134	92-61-07643-2	300
		A	14136	92-61-07646-7	303
		R	14138	92-61-07644-0	304
	Free	E			
		F			
		S			
		A			
		C			
	48.-	E, F, S	14135	92-61-07657-2	
		F, S, R	18689	92-61-07657-2	



### Final Acts of the Plenipotentiary Conference

Kyoto, 1994



This includes the instruments amending both the Constitution and Convention of the ITU (Geneva, 1992), Signatures, Declarations and Reservations, and Decisions, Resolutions and Recommendations. • Is also available on diskette for 30 CHF (article number 5408).

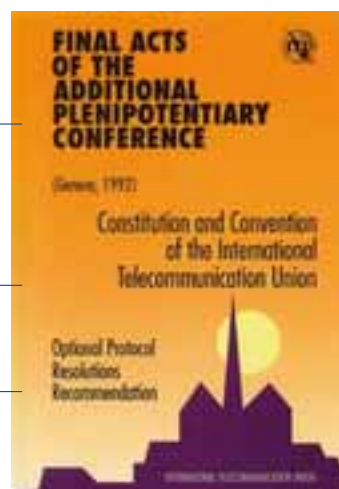
MEDIA	PRICE CHF	LANGUAGE	ARTICLE	ISBN	PAGES
	35.-	E	5483	92-61-05521-4	140
		F	5482	92-61-05522-2	140
		S	5484	92-61-05523-0	140
		A	5485	92-61-05526-5	140
		C	5486	92-61-05525-7	272
		R	5487	92-61-05524-9	276
	Free	E			
		F			
		S			
		A			
		C			



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

Geneva, 1992

MEDIA	PRICE CHF	LANGUAGE	ARTICLE	ISBN	PAGES
	44.-	E	3218	92-61-04771-8	288
		F	3217	92-61-04772-6	288
		S	3219	92-61-04773-4	288
		A	3220	92-61-04776-9	
		C	3221	92-61-04775-0	
		R	3222	92-61-04774-2	
	Free	E			
		F			
		S			



### 1.3 Policy and Market Analysis

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.



#### *Publications under ITU New Initiatives Programme*



#### The ITU New Initiatives Programme: Regulatory Environment for Future Mobile Multimedia Services

2006



The mobile communications field continues to grow rapidly, as more and more 3G/IMT-2000 networks are deployed. The increasingly intimate nature of the mobile phone and its use as a key platform for content delivery raises important regulatory concerns. Convergence between the broadcasting and telecommunication industries is cited as one of the key challenges that both regulators and industry will have to face in the coming years. • The research presented in this publication made up the background materials for discussion at the ITU New Initiatives Programme Workshop on "The Regulatory Environment for Future Mobile Multimedia Services" held in Mainz, Germany, from 21 to 23 June 2006, jointly hosted by ITU and the Federal Network Agency of Germany. •

MEDIA	PRICE CHF	LANGUAGE	ARTICLE	ISBN	PAGES
	80.-	E	29283	92-61-11761-9	226
	80.-	E			

### The ITU New Initiatives Programme: Ubiquitous Network Societies

2005

This publication summarizes the materials and conclusion of a workshop held by ITU from 6 to 8 April 2005, organized by the Strategy and Policy Unit (SPU). This workshop served as a forum for policy-makers, regulators, mobile operators, content providers, industry players, consultants, academics and sociologists to exchange information, experiences and visions relating to future ubiquitous network societies. Topics covered include the impact of ubiquitous technologies on the traditional telecommunication industry, the role and application of RFID, privacy and public policy issues. Country case studies on Italy, Japan, Korea and Singapore are also featured.



MEDIA	PRICE CHF	LANGUAGE	ARTICLE	ISBN	PAGES
	80.-	E	27297	92-61-11281-1	300
	80.-	E			



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

2004

This publication contains the materials and conclusions of a recent ITU workshop on Shaping the Future Mobile Information Society held in Seoul, Republic of Korea, with the generous support and collaboration of the Korean Ministry of Information and Communications (MIC), and the International Cooperation Agency for Korea IT. Topics covered included social and human considerations for a more mobile world, broadband mobile communications towards a converged world, and mobile phones and youth.



MEDIA	PRICE CHF	LANGUAGE	ARTICLE	ISBN	PAGES
	65.-	E	25126	92-61-10731-1	270
		R	26545	92-61-10734-6	272
	65.-	E			



### The ITU New Initiatives Programme: Internet Governance

2004

This publication contains the materials and conclusions of a recent ITU workshop on the topic of Internet Governance, including background papers, workshop presentations and outputs. The workshop's objective was to contribute to the ITU process that will prepare its inputs and position vis-à-vis the United Nations working group to be established on Internet governance, resulting from the Declaration of Principles and Plan of Action adopted on 12 December 2003 at the first phase of the World Summit on the Information Society.

MEDIA	PRICE CHF	LANGUAGE	ARTICLE	ISBN	PAGES
	65.-	E	25124	92-61-10711-7	350
		R	26647	92-61-10714-1	350
	65.-	E			
		R			







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

2004

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

MEDIA	PRICE CHF	LANGUAGE	ARTICLE	ISBN	PAGES
	65.-	E R	25125 27516	92-61-10721-4 92-61-10724-9	356 360
	65.-	E R			


*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	





## Broadband Commission

### The State of Broadband 2015

2015

Every year, the ITU/UNESCO Broadband Commission for Digital Development publishes its 'State of Broadband' report to take the pulse of the global broadband industry and explore progress in broadband connectivity. This report provides a global snapshot of where the telecommunications/ICT industry stands with regards to fixed and mobile broadband deployment, affordability and usage, as well as the use of broadband for achieving development objectives, including the Millennium Development Goals (MDGs) and Sustainable Development Goals (SDGs). It evaluates the take-up and development of broadband around the world, and tracks the Broadband Commission's targets. It draws on the thought leadership of the Commission and its research into National Broadband Plans. It also offers a range of perspectives on how to boost the roll-out and adoption of broadband networks and services across developing countries.


MEDIA	PRICE CHF	LANGUAGE	ARTICLE	ISBN	PAGES
	62.-	E	40065	978-92-61-16051-7	100
	Free	E			



NEW

### The State of Broadband 2014: Broadband for All

2014

MEDIA	PRICE CHF	LANGUAGE	ARTICLE	ISBN	PAGES
	Free	E			




15

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



**NEW**


WSIS Stocktaking: Success Stories 2015  
2015

MEDIA	PRICE CHF	LANGUAGE	ARTICLE	ISBN	PAGES
	Free	E			



**NEW**


WSIS Stocktaking: Success Stories 2014  
2014

MEDIA	PRICE CHF	LANGUAGE	ARTICLE	ISBN	PAGES
	Free	E			




**NEW**

Report on the WSIS Stocktaking 2013  
2013

MEDIA	PRICE CHF	LANGUAGE	ARTICLE	ISBN	PAGES
	Free	E			




Report on the WSIS Stocktaking 2010: Tracking progress  
2010

MEDIA	PRICE CHF	LANGUAGE	ARTICLE	ISBN	PAGES
	Free	E			




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.

MEDIA	PRICE CHF	LANGUAGE	ARTICLE	ISBN	PAGES
	40.-	E F	27702 27703		84 84
	40.-	E F			
	40.-	E, F	27879	92-61-11357-5	



WSIS Outcome Documents  
2014



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





**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



### 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.

MEDIA	PRICE CHF	LANGUAGE	ARTICLE	ISBN	PAGES
	65.-	E	25264	92-61-10751-6	284
		R	27312	92-61-10754-0	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






## 2.1 General Publications

### ITU-R Radiocommunication: Climate Change

2012

"This report provides an overview of the use of radiocommunication systems to monitor the various manifestations of climate change and their impact as well as the application of ICTs and radiocommunications as a solution to contribute to a global reduction in energy consumption. ••"



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

## 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.

### Radio Regulations

2012

The Radio Regulations, Edition of 2012, contains the complete texts of the Radio Regulations as adopted by the World Radiocommunication Conference (Geneva, 1995) (WRC-95) subsequently revised and approved by the World Radiocommunication Conference (Geneva, 1997) (WRC-97), the World Radiocommunication Conference (Istanbul, 2000) (WRC-2000), the World Radiocommunication Conference (Geneva, 2003) (WRC-03), the World Radiocommunication Conference (Geneva, 2007) (WRC-07) and the World Radiocommunication Conference (Geneva, 2012) (WRC-12), including all Appendices, Resolutions, Recommendations and ITU-R Recommendations incorporated by reference.





MEDIA	PRICE CHF	LANGUAGE	ARTICLE	ISBN	PAGES
	398.-	E F S A C R	37262 37263 37264 37265 37266 37267	978-92-61-14021-2 978-92-61-14022-9 978-92-61-14023-6 978-92-61-14026-7 978-92-61-14025-0 978-92-61-14024-3	2324 2324 2324 2324 2324 2324
	Free	E F S A C R			
	398.-	E, F, S, A, C, R	37268	978-92-61-14037-3	



### Rules of Procedure

2012

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.

MEDIA	PRICE CHF	LANGUAGE	ARTICLE	ISBN	PAGES
	184.-	E	37623	978-92-61-14081-6	292
		F	37624	978-92-61-14082-3	296
		S	37625	978-92-61-14083-0	296
		A	37626	978-92-61-14086-1	296
		C	37627	978-92-61-14085-4	296
		R	37628	978-92-61-14084-7	292
	Free	E			
		F			
		S			
		A			
		C			
		R			



### High Frequency Broadcasting Schedule

2015

This publication on CD-ROM contains the up-to-date High-Frequency Broadcasting Schedule notified to ITU and propagation data for interference analysis, together with the calculation software. A CD-ROM package is issued at the end of the following months: January, February, March, May, July and November for Season A; and April, August, September, October and December for Season B.

MEDIA	PRICE CHF	LANGUAGE	ARTICLE	ISBN	PAGES
	1260.- Yearly sub.	E, F, S	16916		



## 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-12, Geneva

2012

The Final Acts constitute a record of the decisions taken at the World Radiocommunication Conference, 2012 (WRC-12). They include the new and revised provisions of the Radio Regulations including all Appendices, as well as the new and revised Resolutions and Recommendations approved by the Conference. Statements made by Member States at the time of signing the Final Acts are also included.




MEDIA	PRICE CHF	LANGUAGE	ARTICLE	ISBN	PAGES
	181.-	E	36931	978-92-61-14141-7	490
		F	36932	978-92-61-14142-4	490
		S	36933	978-92-61-14143-1	490
		A	36934	978-92-61-14146-2	490
		C	36935	978-92-61-14145-5	490
		R	36936	978-92-61-14144-8	490
	Free	E			
		F			
		S			
		A			
		C			
	181.-	E, F, S, A, C, R	36937	978-92-61-14147-9	



#### Final Acts - WRC-07, Geneva

2007

The Final Acts record the decisions taken at the World Radiocommunication Conference, 2007 (WRC-07). They include the new and revised provisions of the Radio Regulations and associated Appendices, as well as the new and revised Resolutions and Recommendations adopted by the Conference. Statements made by Member States at the time of signing the Final Acts are also included.

MEDIA	PRICE CHF	LANGUAGE	ARTICLE	ISBN	PAGES
	150.-	E	31486	92-61-12201-9	
		F	31487	92-61-12202-7	
		S	31488	92-61-12203-5	
		A	31490	92-61-12206-X	
		C	31491	92-61-12205-1	
		R	31489	92-61-12204-3	
	Free	E			
		F			
		S			
		A			
		C			
	150.-	E, F, S, A, C, R	31492	92-61-12217-5	





*Regional Radiocommunication Conferences*

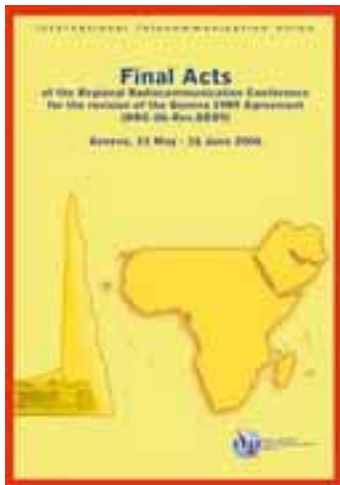


**Final Acts of the Regional Radiocommunication Conference for the revision of the Stockholm 1961 Agreement (RRC-06-Rev.ST61)**

2006

This publication contains the Protocol revising certain parts of the ST61 Agreement so as to harmonize the scope of the ST61 Agreement (dealing with VHF/UHF broadcasting) with the GE06 Agreement adopted by RRC-06. The Final Acts also include the Resolutions adopted by RRC-06-Rev.ST61.



MEDIA	PRICE CHF	LANGUAGE	ARTICLE	ISBN	PAGES
	18.-	E	29322	92-61-11751-1	30
		F	29323	92-61-11752-X	30
		S	29324	92-61-11753-8	30
		A	29326	92-61-11756-2	30
		R	29325	92-61-11754-6	30
	Free	E			
		F			
		S			
		A			
		R			



**Final Acts of the Regional Radiocommunication Conference for the revision of the Geneva 1989 Agreement (RRC-06-Rev.GE89)**

2006

This publication contains the Protocol revising certain parts of the GE89 Agreement so as to harmonize the scope of the GE89 Agreement (dealing with VHF/UHF television broadcasting) with the GE06 Agreement adopted by RRC-06. The Final Acts also include the Resolutions adopted by RRC-06-Rev.GE89.


MEDIA	PRICE CHF	LANGUAGE	ARTICLE	ISBN	PAGES
	24.-	E	29317	92-61-11741-4	36
		F	29318	92-61-11742-2	36
		S	29319	92-61-11743-0	36
		A	29321	92-61-11746-5	36
	Free	E			
		F			
		S			
		A			



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

2006

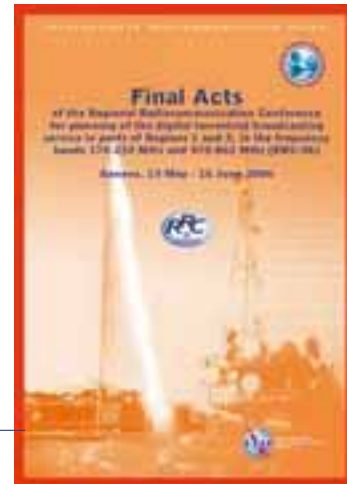
This publication contains the Regional Agreement GE06, adopted by RRC-06, as well as the Resolutions adopted by RRC-06-Rev.ST61 and the Resolutions adopted by RRC-06-Rev.GE89.


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

**Final Acts of the Regional Radiocommunication Conference for planning of the digital terrestrial broadcasting service in parts of Regions 1 and 3, in the frequency bands 174-230 MHz and 470-862 MHz (RRC-06)**

2006



The Final Acts of RRC-06 contain the Regional Agreement GE06, adopted by RRC-06, which governs the use of frequencies by the broadcasting service and other primary terrestrial services in the frequency bands 174-230 MHz and 470-862 MHz. They also contain frequency assignment and frequency allotment plans for the digital broadcasting service (television and sound), the analogue television plan applicable in the transition period, the coordinated list of assignments to other terrestrial primary services in these bands, and the Resolutions adopted by RRC-06. The GE06 Agreement is provisionally applicable as from 17 June 2006. (Note: Only the freely available Table of Contents is downloadable).

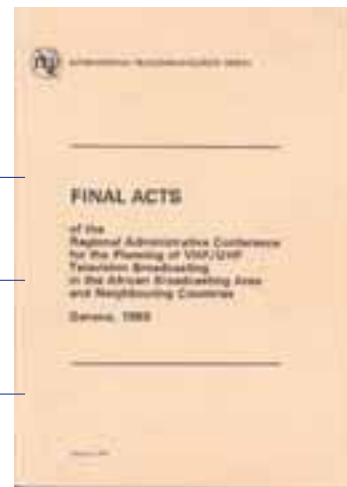


MEDIA	PRICE CHF	LANGUAGE	ARTICLE	ISBN	PAGES
	132.-	E	29307	92-61-11711-2	336
		F	29308	92-61-11712-0	336
		S	29309	92-61-11713-9	336
		A	29311	92-61-11716-3	336
		R	29310	92-61-11714-7	336

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

1989

MEDIA	PRICE CHF	LANGUAGE	ARTICLE	ISBN	PAGES
	38.-	S	2267	92-61-03993-6	
		A	2268	92-61-03996-0	
	Free	E			
		F			
		S			
		A			





25

**Report of the CPM to WRC-15**

2015

The CPM Report to the 2015 World Radiocommunication Conference (WRC-15) was prepared in response to ITU Council Resolution 1343 (C12), to assist those involved in the preparations of WRC-15. This Report, prepared and approved by the Conference Preparatory Meeting (CPM) at its Second Session in Geneva (23 March – 2 April 2015), represents the best information on technical, operational and regulatory/procedural issues relevant to the WRC-15 Agenda available at the time of its preparation and should provide a good basis for the discussions at the Conference.

MEDIA	PRICE CHF	LANGUAGE	ARTICLE	ISBN	PAGES
	240.-	E	39719	978-92-61-15631-2	862
		F	39720	978-92-61-15632-9	976
		S	39721	978-92-61-15633-6	980
		A	39722	978-92-61-15636-7	878
		C	39723	978-92-61-15635-0	800
		R	39724	978-92-61-15634-3	860
	240.-	E			
		F			
		S			
		A			
		C			
		R			




NEW

### Conference Publications



#### Report of the CPM to WRC-12 2011

This CPM Report to the 2012 World Radiocommunication Conference (WRC-12) was prepared in response to Resolution 1291 (MOD) of the ITU Council to assist those who will be involved in the preparations for and deliberations at WRC-12. It was prepared and approved by the Conference Preparatory Meeting (CPM) at its Second Session in Geneva, 14-25 February 2011. This Report is structured to follow the topics of the WRC-12 Agenda and comprises six Chapters and one Annex. • • Price below includes Paper/CD packaged together. Not sold separately.

MEDIA	PRICE CHF	LANGUAGE	ARTICLE	ISBN	PAGES
	235.-	E	36431	92-61-13531-5	688
		F	36432	92-61-13532-3	764
		S	36434	92-61-13533-1	740
		A	36435	92-61-13536-6	722
		C	36436	92-61-13535-8	688
		R	36433	92-61-13534-X	698

## 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

2016

The List of Ship Stations and Maritime Mobile Service Identity Assignments (List V) is a service publication prepared and issued, once a year, by the International Telecommunication Union (ITU), in accordance with provision no. 20.8 of the Radio Regulations (RR). • 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. • • New edition released annually in March or April.



NEW

MEDIA	PRICE CHF	LANGUAGE	ARTICLE	ISBN	PAGES
	322.-	E, F, S, A, C, R	40134	978-92-71-39033-1	


List IV - List of Coast Stations and Special Service Stations

2015

List IV contains important information for the mariner in relation to radiocommunications, including the GMDSS (Global Maritime Distress and Safety System) and CP (Public Correspondence) services. Detailed information is provided in relation to the facilities available at each maritime coast radio station, which may provide watch-keeping using digital selective calling (DSC) techniques and radiotelephony. Also included are receive and transmit frequencies, as well as the geographical coordinates for each station. List IV also lists 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. It also contains 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). <p>Available and in-force as from: November 2015.</p>



NEW

MEDIA	PRICE CHF	LANGUAGE	ARTICLE	ISBN	PAGES
	213.-	E, F, S, A, C, R	39969	978-92-71-19031-3	


List IV - List of Coast Stations and Special Service Stations

2013

List IV contains important information for the mariner in relation to radiocommunications, including GMDSS (Global Maritime Distress and Safety System) and CP (Public Correspondence) services. Detailed information is provided in relation to the facilities available at each maritime coast radio station. These stations may provide watch-keeping using digital selective calling (DSC) techniques and radiotelephony. The frequencies for transmitting and receiving and the geographical coordinates for each station are listed. 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 are also provided, along with hours of service and operational frequencies. List IV also contains information on port stations, pilot stations, coast Earth stations, VTS stations, contact information of RCC (Rescue Coordination Centres), SAR agencies, Navarea coordinators and AtoNs (AIS Aids to Navigation). • • It should be noted that no supplements will be printed between two editions. However, a file containing a compilation of changes, notified to this List, will be made available for information, free of charge, through the ITU MARS webpage [www.itu.int/ITU-R/go/mars](http://www.itu.int/ITU-R/go/mars) <p>Next edition: 4th Quarter 2015.</p>



NEW

MEDIA	PRICE CHF	LANGUAGE	ARTICLE	ISBN	PAGES
	213.-	E, F, S, A, C, R	38543	978-92-61-14447-0	

27


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

2013

The Manual for Use by the Maritime Mobile and Maritime Mobile-Satellite Services is published in accordance with Article 20 (No. 20.14) of the Radio Regulations, and results from studies carried out in the ITU-R since 2008. Edition 2013 comprises two volumes, not sold separately. Volume 1 provides descriptive text of the organization and operation of the GMDSS and other maritime operational procedures, while Volume 2 contains the extracts of the regulatory texts associated with maritime operations.



NEW

MEDIA	PRICE CHF	LANGUAGE	ARTICLE	ISBN	PAGES
	295.-	E	38428	978-92-61-14341-1	758
		F	38429	978-92-61-14342-8	800
		S	38430	978-92-61-14343-5	796
		A	38431	978-92-61-14346-6	758
		C	38432	978-92-61-14345-9	754
		R	38433	978-92-61-14344-2	800

### General Publications





NEW

#### BR International Frequency Information Circular (BR IFIC) - Space Service 2015



BR IFIC Space Services is a service publication published every two weeks by the Radiocommunication Bureau in accordance with provision Nos. 20.1-20.6 and No. 20.15 of the Radio Regulations. It contains information on the frequency assignments to space stations, Earth stations or radioastronomy stations submitted by administrations to the Radiocommunication Bureau for recording in the Master International Frequency Register, as well as those that are submitted under the relevant provisions of the Radio Regulations or that are subject to the Appendices 30, 30A and 30B Plans. The information published corresponds to the recorded assignments as well as the notifications still being processed. The SRS database formerly sold separately is now available only in this DVD-ROM. The BR IFIC (Terrestrial Services) DVD-ROM is published at the same time (please see Publication Notice No. 282-14). • • • For additional support and information, please see the BR support page at <http://www.itu.int/ITU-R/go/space-brific/en>

<p>Note: Edition 2800 will be delayed due to ongoing technical difficulties. Thank you for your patience. </p>•

MEDIA	PRICE CHF	LANGUAGE	ARTICLE	ISBN	PAGES
	3530.- Yearly sub.	E, F, S, A, C, R			
	600.- Single ed.	E, F, S, A, C, R			

#### BR International Frequency Information Circular (BR IFIC) - Terrestrial Services 2015

The BR International Frequency Information Circular (BR IFIC) Terrestrial Services is a consolidated regulatory publication issued once every two weeks by the Radiocommunication Bureau, pursuant to the Radio Regulations (Nos. 20.1 to 20.6 and No. 20.15) and various regional agreements. It contains information on the frequency assignments/allotments submitted by administrations to the Radiocommunication Bureau for recording in the Master International Frequency Register and in the various regional or worldwide Plans. The information published corresponds to the recorded assignments/allotments as well as the notifications in process. The BR IFIC may be consulted directly from the DVD-ROM without installing the data and software (some 4 GB). The BR IFIC contains the query software TerRaQ, the program TerRaNotices for creation and validation of electronic notices, the program TerRaNV for validation of electronic notice files generated by administrations, and the Preface in PDF format. The BR IFIC (Space Services) DVD-ROM is published at the same time (please see Publication Notice No. 283-14).

MEDIA	PRICE CHF	LANGUAGE	ARTICLE	ISBN	PAGES
	2340.- Yearly sub.	E, F, S, A, C, R			
	210.- Single ed.	E, F, S, A, C, R			



NEW



**BR Space Services WIC/IFIC - Annual Collection**

2014

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.



**NEW**

MEDIA	PRICE CHF	LANGUAGE	ARTICLE	ISBN	PAGES
	7490.- Complete coll.	E, F, S	33648		
	500.- Yearly sub.	E, F, S, A, C, R	39651	978-92-61-15577-3	



**List VIII - List of International Monitoring Stations**

2013

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). • Direct download is available for ITU (TIES) members only. •



**NEW**

MEDIA	PRICE CHF	LANGUAGE	ARTICLE	ISBN	PAGES
	Free	E F S A C R			
	80.-	E, F, S, A, C, R	38545	978-92-61-14437-1	

## 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	Radioastronomy
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 and Reports -DVD-ROM

2016

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
	1200.-	E, F, S, A, C, R	40132		
	840.-	E, F, S, A, C, R	40129	978-92-61-16321-1	





NEW

### ITU-R Recommendations and Reports -DVD-ROM

2015

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. • The second annual edition traditionally includes a selection of ITU-R Handbooks.

MEDIA	PRICE CHF	LANGUAGE	ARTICLE	ISBN	PAGES
	1200.- Yearly sub.	E, F, S, A, C, R	39395		
	840.- Single ed.	E, F, S, A, C, R	39392	978-92-61-15227-7	





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### ITU-R Recommendations and Reports -DVD-ROM

2014

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. Both editions include a handful of selected ITU-R Handbooks. See Table of Contents.

MEDIA	PRICE CHF	LANGUAGE	ARTICLE	ISBN	PAGES
	1200.- Yearly sub.	E, F, S, A, C, R	38769		
	840.- Single ed.	E, F, S, A, C, R	38767	978-92-61-14577-4	



NEW

## 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*



NEW



#### 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.

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

## 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.-	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
	68.-	E			
		F			
		S			
		A			
		C			
	68.-	E, F, S, A, C, R	33373	92-61-12637-5	




## Spectrum Management



### Computer-aided Techniques for Spectrum Management (CAT)

2005

This Handbook should be seen as a complement to the handbooks 'National Spectrum Management' (Edition 2005) and 'Spectrum Monitoring' (Edition 2002). 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 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
	53.-	E	27531	92-61-11311-7	172
		F	27532	92-61-11312-5	172
		S	27533	92-61-11313-3	172
		A	27534	92-61-11316-8	170
		C	27535	92-61-11315-X	170
		R	27536	92-61-11314-1	172
	Free	E			
		F			
		S			
		A			
		C			
	53.-	E	29390	92-61-11781-3	



34



### 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	
		S	39925	978-92-61-15892-7	
		A	39926	978-92-61-15896-5	
		C	39927	978-92-61-15895-8	
		R	39928	978-92-61-15894-1	
	Free	E			

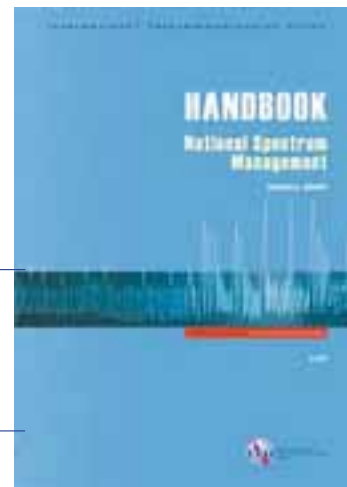
NEW

### National Spectrum Management

2005

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
	73.-	E	27444	92-61-11301-X	340
		F	27445	92-61-11302-8	340
		S	27446	92-61-11303-6	346
		A	27576	92-61-11306-0	340
		C	27575	92-61-11305-2	340
		R	27574	92-61-11304-4	338
	Free	E			
		F			
		S			
		A			
		C			
	73.-	E, F, S, A, C, R	27447	92-61-11307-9	






### 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 radiocommunication service systems.




MEDIA	PRICE CHF	LANGUAGE	ARTICLE	ISBN	PAGES
	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
	76.-	E			
		F			
		S			
		A			
		C			
	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
	98.-	E			
		F			
		S			
		A			
		C			
	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
	62.-	E			
		F			
		S			
		A			
		C			
	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
	57.-	E			
		F			
		S			
	57.-	E, F, S	21558	92-61-10057-0	



**Ionosphere and its Effects on Radiowave Propagation**

1998

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



MEDIA	PRICE CHF	LANGUAGE	ARTICLE	ISBN	PAGES
	36.-	F	11107	92-61-06672-0	
		S	11108	92-61-06673-9	
		R	14111	92-61-06674-7	156
	36.-	E			

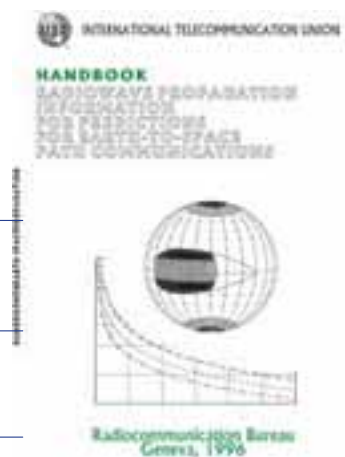


**Radiowave Propagation Information for Predictions for Earth-to-Space Path Communications**

1996

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


MEDIA	PRICE CHF	LANGUAGE	ARTICLE	ISBN	PAGES
	35.-	F	7321	92-61-06362-4	162
		S	7322	92-61-06363-2	162
		A	13564	92-61-06366-7	150
		R	11698	92-61-06364-0	150
	35.-	E			
		F			
		S			





Curves for Radiowave Propagation over the Surface of the Earth

1991

MEDIA	PRICE CHF	LANGUAGE	ARTICLE	ISBN	PAGES
	51.-	E, F, S			




*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	30996	92-61-12161-6	60
		F	30997	92-61-12162-4	60
		S	30999	92-61-12163-2	60
		A	33177	92-61-12166-7	60
		C	33178	92-61-12165-9	60
		R	31000	92-61-12164-0	60
	25.-	E			
		F			
		S			
		A			
		C			
	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
	57.-	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
	250.-	E			
		F			
		S			
		R			
	250.-	E	21395	92-61-09921-1	



**Satellite Communications (FSS)**

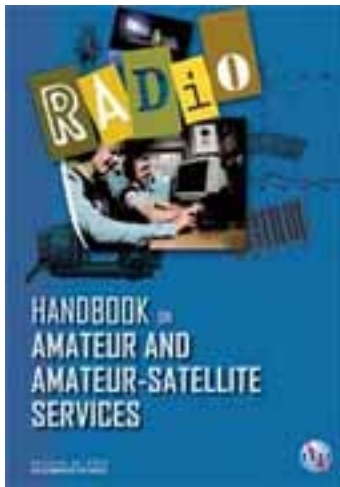
2002

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	



*Terrestrial Services*






**NEW**

**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
	57.-	E			
		F			
		S			
		A			
	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
	67.-	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
	95.-	E			
	95.-	E	36550	92-61-13751-2	



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

2006

Volume 4 of the ITU-R Handbook on Land Mobile (including Wireless Access) provides a summary of the use of wireless communications in intelligent transport systems (ITS), current and under development, around the globe, including architecture, systems, and applications. This is a rapidly developing sector, which is still partly in its infancy.

MEDIA	PRICE CHF	LANGUAGE	ARTICLE	ISBN	PAGES
	52.-	E	30101	92-61-11871-2	124
		F	30351	92-61-11872-0	130
		S	30352	92-61-11873-9	130
		A	30102	92-61-11876-3	126
		R	30104	92-61-11874-7	124
	52.-	E			
		F			
		S			
		A			
		C			
	52.-	E	30105	92-61-11891-7	








**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
	24.-	E			
		F			
		S			
		A			
		C			
	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
	100.-	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
	32.-	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
	35.-	E			
		F			
		S			

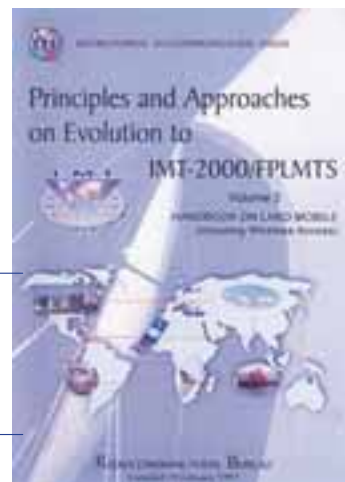


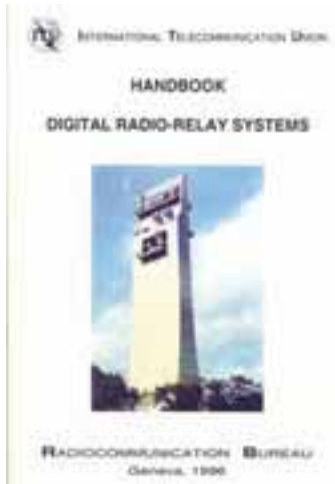
**Land Mobile (including Wireless Access) - Volume 2: Principles and Approaches on Evolution to IMT-2000/FPLMTS**

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	








### 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
	50.-	F			
		S			
		A			
	48.-	E			



### 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	




### Broadcasting service



### Digital Television Signals: Coding and Interfacing within Studios

2010




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

MEDIA	PRICE CHF	LANGUAGE	ARTICLE	ISBN	PAGES
	27.-	E	35138	92-61-13121-2	38
	27.-	E			
	27.-	E	35177	92-61-13131-X	

**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
	100.-	E			
		F			
		S			
		R			
	100.-	E, F, S	24058	92-61-10447-9	




**Broadcasting services**

**LF/MF system design**

2001

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

MEDIA	PRICE CHF	LANGUAGE	ARTICLE	ISBN	PAGES
	50.-	E	18604	92-61-08767-1	

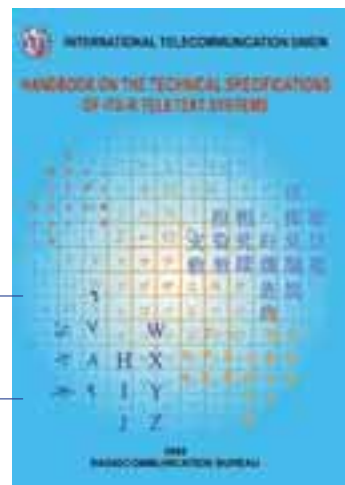


**Technical Specifications of ITU-R Teletext Systems**

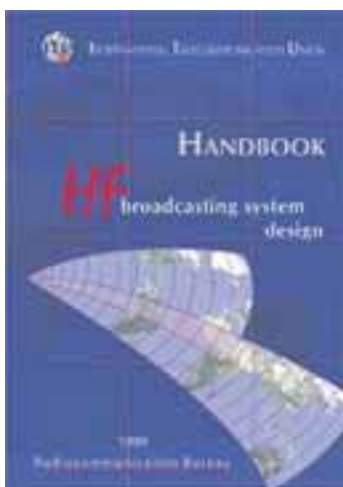
1999

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

MEDIA	PRICE CHF	LANGUAGE	ARTICLE	ISBN	PAGES
	60.-	E	11233	92-61-06641-0	
		F	11234	92-61-06642-9	
		S	11235	92-61-06643-7	





### Broadcasting service



#### 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
	28.-	E			


### Broadcasting services

#### Subjective Assessment Methodology in Television

1996

Part 1 describes the general methods of performing subjective assessments. • Part 2 considers the application of specific elements. Three particular applications are given: digital coding systems, high-definition television and alpha-numeric and graphic systems evaluation.





MEDIA	PRICE CHF	LANGUAGE	ARTICLE	ISBN	PAGES
	60.-	E	5729	92-61-05571-0	
		F	5728	92-51-05572-9	
		S	5730	92-61-05573-7	
		A	10712	92-61-05576-1	
		R	10897	92-61-05574-5	

#### Conclusions of the Extraordinary Meeting of Study Group 11 on High-Definition Television

1989

"In this era of rapid technological change, it is widely recognized that international standardization and coordinated planning for the introduction of new systems and services assume critical importance. The rapid acceleration in the work leading to the introduction of advanced television systems such as HDTV provides an important example in the way in which the CCIR has responded to the challenge of change through the identification of the processes and decision-making mechanisms necessary to produce timely and coordinated action for the development of HDTV studio, emission and transmission standards. This report contains the conclusions of the ITU's Extraordinary Meeting of Study Group 11 on High-Definition Television. ••"



MEDIA	PRICE CHF	LANGUAGE	ARTICLE	ISBN	PAGES
	50.-	E	2309	92-61-03951-0	212
		F	2308	92-61-03592-9	228
		S	2310	92-61-03953-7	224
	50.-	E			
		F			
		S			



*Fixed-satellite service*

ITU-R Special publication: Specifications of transmission systems for the broadcasting-satellite service

1993

MEDIA	PRICE CHF	LANGUAGE	ARTICLE	ISBN	PAGES
	96.-	E	1104	92-61-03011-4	
		F	1105	92-61-03012-2	
		S	1106	92-61-03013-0	





*Science Services*

Space Research Communications

2014

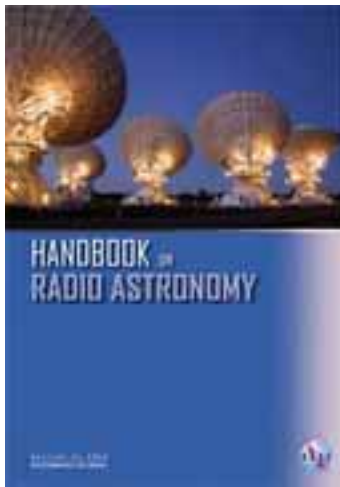
This Handbook is concerned principally with those aspects of the space research service that are relevant to the management of radio spectrum usage in order to minimize interference between radiocommunication services when the space research service is involved.

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
	34.-	S			
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**NEW**

Science services






NEW

Radio Astronomy

2013

The Handbook on Radio Astronomy has been developed by experts of Working Party 7D of ITU-R Study Group 7 (Science Services) that is responsible for radio astronomy. This Handbook is not intended as a source book on radio astronomy, but rather deals with such aspects of radio astronomy that are relevant to frequency coordination as the management of radio spectrum usage in order to minimize interference between radiocommunication services.




MEDIA	PRICE CHF	LANGUAGE	ARTICLE	ISBN	PAGES
	70.-	E	38650	978-92-61-14481-4	160
		F	38651	978-92-61-14482-1	188
		S	38652	978-92-61-14483-8	172
		A	38653	978-92-61-14486-9	176
		C	38654	978-92-61-14485-2	170
		R	38655	978-92-61-14484-5	190
	70.-	E			
	70.-	E, F, S, A, C, R	38656	978-92-61-14497-5	

Earth Exploration-Satellite Service

2011

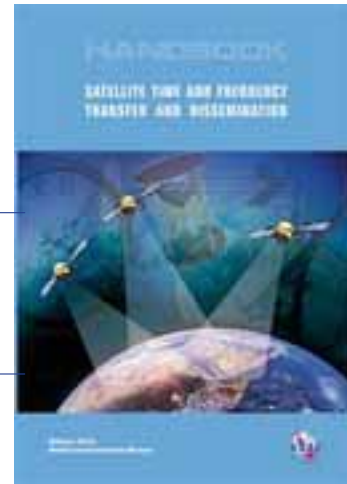
This Handbook provides full and comprehensive information on the development of EESS systems. Specifically, it provides basic definitions, sheds light on the technical principles underlying the operation of systems and presents their main applications to assist administrations in the spectrum planning,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






MEDIA	PRICE CHF	LANGUAGE	ARTICLE	ISBN	PAGES
	68.-	E	36546	92-61-13761-X	96
	68.-	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
	96.-	E			
		F			
		S			
		A			
		C			
		R			
	96.-	E	36137	92-61-13311-8	

**Use of Radio Spectrum for Meteorology: Weather, Water and Climate Monitoring and Prediction**

2008

Timely warning of impending natural and environmental disasters, accurate climate prediction and detailed understanding of the status of global water resources: these are critically important everyday issues for the global community. • Radio frequencies represent scarce and key resources used by meteorological services to measure and collect the observation data upon which analyses and predictions, including warnings, are based. • This Handbook provides comprehensive technical information on the use of radio frequencies by meteorological systems for climate monitoring disaster prediction and detection. • • The soft-copy is exceptionally free-of-charge.





MEDIA	PRICE CHF	LANGUAGE	ARTICLE	ISBN	PAGES
	54.-	E	33731	92-61-12841-6	118
		F	33732	92-61-12842-4	120
		S	33733	92-61-12843-2	118
		A	33735	92-61-12846-7	122
		C	33736	92-61-12845-9	118
		R	33734	92-61-12844-0	120
	Free	E			
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		S			
		A			
		C			
		R			
	54.-	E, F, S, A, C, R	33738	92-61-12867-X	



### Selection and Use of Precise Frequency and Time Systems

1997

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

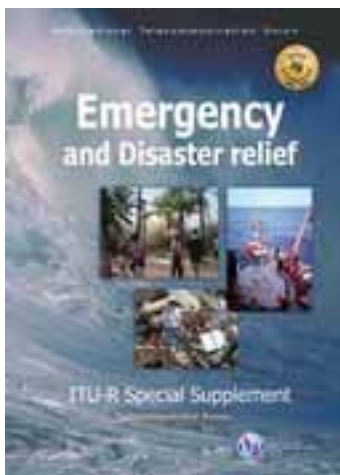
MEDIA	PRICE CHF	LANGUAGE	ARTICLE	ISBN	PAGES
	50.-	F	10503	92-61-06512-0	196
		S	10505	92-61-06513-9	196
		A	15469	92-61-06516-3	196
		R	14457	92-61-06514-7	196
	50.-	E			
		F			
		S			
		A R			




### 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 disaster prediction, detection, alerting and disaster relief. In certain cases, when the 'wired' telecommunication infrastructure is significantly or completely destroyed by a disaster, only radiocommunication 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
		S	28749	92-61-11583-7	190
		A	28531	92-61-11586-1	190
		C	28532	92-61-11585-3	190
		R	28533	92-61-11584-5	152
	Free	E			
		F			
		S			
		A			
		C R			
	50.-	E, F, S, A, C, R	28750	92-61-11607-8	

## Terrestrial Services

### Handbook on Global Trends in International Mobile Telecommunications

2015

This Handbook identifies International Mobile Telecommunications (IMT) and provides the general information such as service requirements, application trends, system characteristics, and substantive information on spectrum, regulatory issues, guideline for the evolution and migration, and core network evolution on IMT. The purpose of this Handbook is to provide general guidance to relevant parties on issues related to the deployment of IMT systems and to the introduction of their IMT 2000 and IMT Advanced networks.

MEDIA	PRICE CHF	LANGUAGE	ARTICLE	ISBN	PAGES
	56.-	E	39881	978-92-61-15841-5	106
		F	39882	978-92-61-15842-2	
		S	39883	978-92-61-15843-9	
		A	39884	978-92-61-15846-0	
		C	39885	978-92-61-15845-3	
		R	39886	978-92-61-15844-6	

	56.-	E			
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Handbook on  
Global Trends in IMT  
Edition of 2015

150



NEW

## Terrestrial Services


### 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.

```
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<script type="text/javascript">twtr.conversion.trackPid('l6fna', tw_sale_amount: 0,
tw_order_quantity: 0 );</script>
<noscript>


</noscript>
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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	

	49.-	E			
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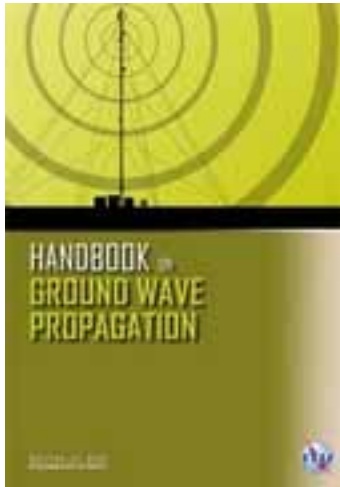
Handbook on  
Guidance for bilateral/multilateral discussions on  
the use of frequency range 1 350 MHz - 43.5 GHz  
by fixed service systems  
Edition of 2015

150



NEW

## Radiowave Propagation






NEW

### 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
		F	38981	978-92-61-14642-9	70
		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
	38.-	E			
		F			
		S			
		A			
		C			
	38.-	E, F, S, A, C, R	38986	978-92-61-14657-3	

## 2.7 Software and Databases


52



### Space Network Systems (SNS)

2015

In addition to a brief overview of the Radio Regulations referring to space services and general information containing statistics, a database diagram, tables and the AP4 notice forms, the Space Network Systems Online Service allows the user to navigate freely through the database, making predefined special queries to retrieve data based on specified input parameters and to access reference tables and descriptions of the data used in the system, which is updated bi-weekly. This service is an essential reference tool for government agencies, public and private telecommunication operating agencies, manufacturers, scientific/industrial entities, international organizations, consultants, technical colleges, universities, etc. • • Free of charge to TIES users. • • Access to database: <a href=http://www.itu.int/sns>http://www.itu.int/sns</a>


MEDIA	PRICE CHF	LANGUAGE	ARTICLE	ISBN	PAGES
	630.-	E			



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

2010

Database of country borders geographical data and technical data related to the Radio Regulations and certain Regional Agreements.


MEDIA	PRICE CHF	LANGUAGE	ARTICLE	ISBN	PAGES
	441.-	E, F, S	36319	92-61-13471-8	

## 2.8 ITU-R Administrative Volumes

### Book of ITU-R Resolutions

2012

The Resolutions contained in this book are those in force as at the end of the Radiocommunication Assembly held from 16 to 20 January 2012, in Geneva. Only published on the web site of ITU.

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







### 3.1 Regulations



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.

#### International Telecommunication Regulations - Melbourne - (WATTC-88)

Melbourne, 1988

"These Final Acts incorporate International Telecommunication Regulations. The purpose of these Regulations is to establish general principles which relate to the provision and operation of international telecommunication services offered to the public as well as to the underlying international telecommunication transport means used to provide such services. These Regulations are also established with a view to facilitating global interconnection and interoperability of telecommunication facilities and to promoting the harmonious development and efficient operation of technical facilities, as well as the efficiency, usefulness and availability to the public of international telecommunication services. •"

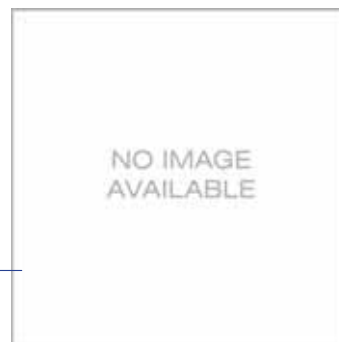





MEDIA	PRICE CHF	LANGUAGE	ARTICLE	ISBN	PAGES
	27.-	E	1561	92-61-03921-9	122
		F	1562	92-61-03922-7	110
		S	1563	92-61-03923-5	110
		A	1566	92-61-03926-X	80
		C	1565	92-61-03925-1	110
		R	1564	92-61-03924-3	110
	Free	E			
		F			
		S			
		A			
		C			
		R			

#### World Telecommunication Standardization Assembly Proceedings

Dubai, 2012

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 2013-2016 and reports as approved by WTSA-2012.






MEDIA	PRICE CHF	LANGUAGE	ARTICLE	ISBN	PAGES
	148.-	E	37803	978-92-61-14201-8	436
		F	37804	978-92-61-14202-5	436
		S	37805	978-92-61-14203-2	436
		A	37806	978-92-61-14206-3	436
		C	37807	978-92-61-14205-6	436
		R	37808	978-92-61-14204-9	436
	148.-	E			
		F			
		S			
		A			
		C			
	148.-	E, F, S, A, C, R	37809	978-92-61-14217-9	



### World Telecommunication Standardization Assembly Proceedings

Johannesburg, 2008

WTSA proceedings contain Resolutions adopted by the assembly, Recommendations on the organization of the work of ITU T (A-series), the list of the study groups, the advisory group and any other groups established or maintained by the assembly, with their titles and general areas of work, the titles of the Questions (continuing or newly approved for study) and their allocation, and the reports of the committees of the assembly.

MEDIA	PRICE CHF	LANGUAGE	ARTICLE	ISBN	PAGES
	111.-	E	33595	92-61-12811-4	300
		F	33596	92-61-12812-2	328
		S	33597	92-61-12813-0	320
		A	33599	92-61-12816-5	308
		C	33600	92-61-12815-7	300
		R	33598	92-61-12814-9	300
	111.-	E			
		F			
		S			
		A			
		C			
	111.-	E, F, S, A, C, R	34014	92-61-12907-2	

## 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	General tariff principles
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


<i>Series</i>	<i>Subject area</i>
L	Construction, installation and protection of cables and other elements of outside plant
M	TMN and network maintenance: international transmission systems, telephone circuits, telegraphy, facsimile and leased circuits
N	Maintenance: international sound programme and television transmission circuits
O	Specifications of measuring equipment
P	Telephone transmission quality, telephone installations, local line networks
Q	Switching and signalling
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 and next-generation networks
Z	Languages and general software aspects for telecommunication systems

#### ITU-T Recommendations and selected Handbooks - DVD-ROM

2016

The enhanced DVD provides vastly improved search tools, including a detailed search-by-content that covers all ITU-T Recommendations in force. Recommendations not yet available in their final edited format are included in their provisional pre-published form. A wide range of electronic attachments are also included and or referenced for direct-download from the ITU website. The DVD also includes a searchable collection of selected Handbooks developed by the ITU Telecommunication Sector in fields such as mitigation measures for telecommunication installations and their protection against electromagnetic effects, formal languages, outside plant, network security, quality of service and network planning. This quarterly DVD is available either individually or through a yearly subscription that covers four editions at a discounted rate.





MEDIA	PRICE CHF	LANGUAGE	ARTICLE	ISBN	PAGES
	1410.- Single ed.	E	40073	978-92-61-16211-5	



NEW

### ITU-T Recommendations and selected Handbooks - DVD-ROM 2015

This newly enhanced DVD now provides vastly improved search tools, including a detailed search-by-content that covers all ITU-T Recommendations in force. Recommendations not yet available in their final edited format are included in their provisional pre-published form. A wide range of electronic attachments are also included and or referenced for direct-download from the ITU website. The DVD also includes a searchable collection of selected Handbooks developed by the ITU Telecommunication Sector in fields such as mitigation measures for telecommunication installations and their protection against electromagnetic effects, formal languages, outside plant, network security, quality of service and network planning. This quarterly DVD is available either individually or through a yearly subscription which covers four editions at a discounted rate.

MEDIA	PRICE CHF	LANGUAGE	ARTICLE	ISBN	PAGES
	3950.- Yearly sub.	E			
	1410.-	E	39459	978-92-61-15261-1	

## 3.3 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.



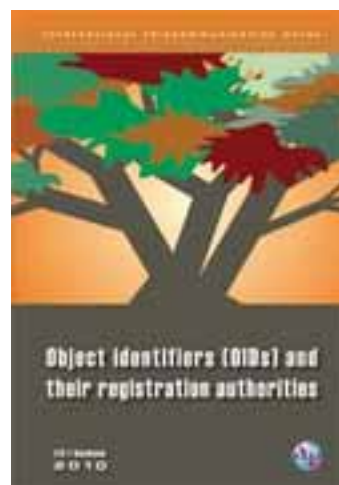
MEDIA	PRICE CHF	LANGUAGE	ARTICLE	ISBN	PAGES
	22.-	E	37306	978-92-61-14041-0	32
		F	37307	978-92-61-14042-7	40
		S	37308	978-92-61-14043-4	40
		A	37309	978-92-61-14046-5	38
		C	37311	978-92-61-14045-8	32
		R	37310	978-92-61-14044-1	40
	22.-	E			
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## 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](http://www.itu.int/ITU-T/mitigation/mitigation-p2.html) •





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	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
	41.-	E			
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		C			
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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
	39.-	E			
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		C			
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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.

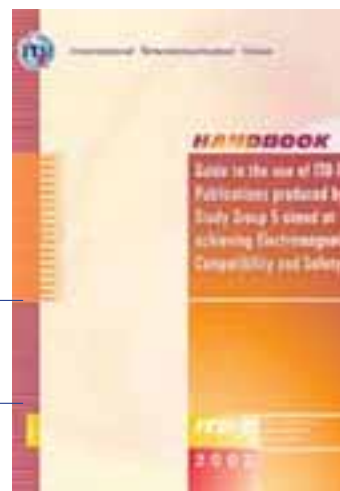
MEDIA	PRICE CHF	LANGUAGE	ARTICLE	ISBN	PAGES
	34.-	E	24087	92-61-10471-1	76
		F	24088	92-61-10472-X	86
		S	24089	92-61-10473-8	86
		R	26871	92-61-10474-6	78
	34.-	E			
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		R			

**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			
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**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	32767	92-61-12501-8	74
		F	32809	92-61-12502-6	76
		S	32810	92-61-12503-4	78
		A	32811	92-61-12506-9	76
		C	32812	92-61-12505-0	74
		R	32813	92-61-12504-2	76
	38.-	E			
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**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.-	E	32766	92-61-12491-7	86
		F	32804	92-61-12492-5	84
		S	32805	92-61-12493-3	86
		A	32806	92-61-12496-8	84
		C	32807	92-61-12495-X	86
		R	32808	92-61-12494-1	86
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**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
	160.-	E			
		F			
		S			





## 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
		S	36739	92-61-13813-6	58
		A	36741	92-61-13816-0	56
		C	36742	92-61-13815-2	54
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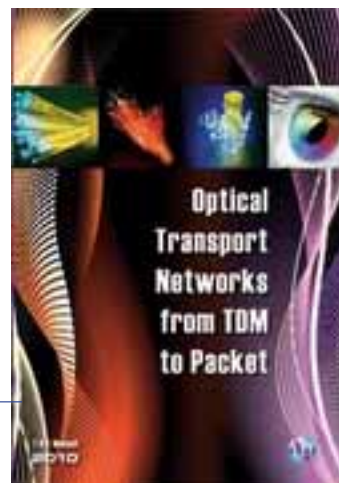


### Optical Transport Networks from TDM to Packet

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
		C	36448	92-61-13555-2	306
		R	36446	92-61-13554-4	306
	139.-	E			
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	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
R	36057	92-61-13374-6	180		
	79.-	E			
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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
R	35352	92-61-13184-0	28		
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## 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
		R	36625	92-61-13794-6	104
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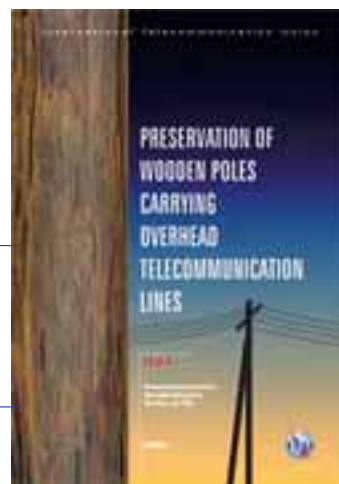
## Outside plant

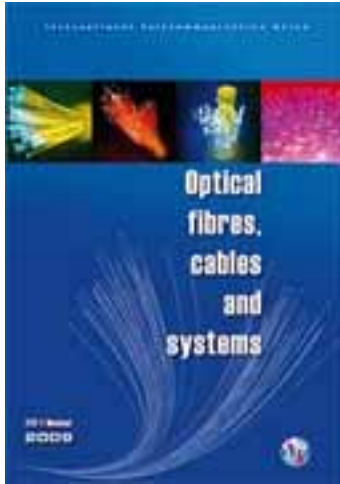
### Preservation of Wooden Poles Carrying Overhead Telecommunication Lines

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			
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### Optical fibres, cables and systems

2009

The Handbook is intended as a guide for technologists, middle-level management, as well as regulators, to assist in the practical installation of optical fibre-based systems. Throughout the discussions on the practical issues associated with the application of this technology, the explanations focus on how ITU T Recommendations address them. It provides the organized insights of those who have created and lived with the evolution of the technology for several decades. • Note: The soft-copy of this publication is downloadable free of charge on an exceptional basis, while hard-copy may eventually be purchased.



MEDIA	PRICE CHF	LANGUAGE	ARTICLE	ISBN	PAGES
	132.-	E	36139	92-61-13261-8	324
	Free	E			
	132.-	E	36140	92-61-13271-5	

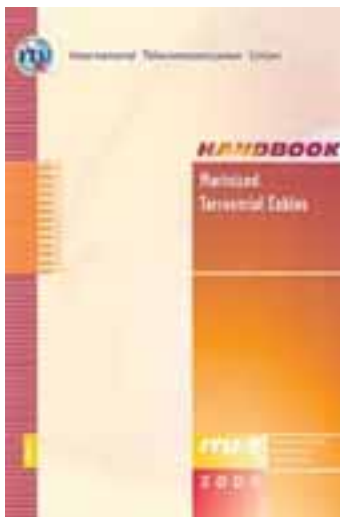


### Protection of Telecommunication Buildings from Fire

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			
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### Marinized Terrestrial Cables

2002



The use of underwater optical cables, considered as coming under the heading of terrestrial links, has dramatically increased in recent years. • This Handbook describes the characteristics, including the installation methods and testing, of a particular type of underwater cable known as marinized terrestrial cable (MTC), which, based on a conventional multiple fibre terrestrial cable core, is protected to withstand the shallow water environment and designed for specific repeaterless applications.

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 telecommunications equipment and discusses certain EMC test methods. Together with «Volume IX» of the «Directives», this Handbook provides comprehensive information on EMC and overvoltage testing and measurements.

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			



### 3.4 Proceedings




**NEW**

#### Proceedings 2014 - Kaleidoscope 2014 - Living in a converged world - Impossible without standards?

2014

The Kaleidoscope 2014 conference - Living in a converged world - impossible without standards? - was the sixth in a series of peer-reviewed academic conferences organized by the Telecommunication Standardization Sector of the International Telecommunication Union (ITU-T) with the technical co-sponsorship of the IEEE Communications Society, the Institute of Electronics, Information and Communication Engineers (IEICE) of Japan, and the Popov Society of the Russian Federation. These papers at K-2014 focused on innovative approaches to research on the role of ICT standardization in today's global economy characterized by accelerating convergence of industry sectors and technologies. These conference proceedings include the full text of papers accepted for lecture and poster presentations (after a double-blind review by a panel of over 100 subject matters), as well as three invited papers and a summary of the keynote speeches. The 37 papers reproduced here should provide readers with valuable information relating to this essential field of studies. • • [www.itu-kaleidoscope.org/2014](http://www.itu-kaleidoscope.org/2014)


MEDIA	PRICE CHF	LANGUAGE	ARTICLE	ISBN	PAGES
	Free	E			



#### Proceedings of ITU Kaleidoscope 2013: Building Sustainable Communities - Kyoto, Japan, 22-24 April 2013

2013

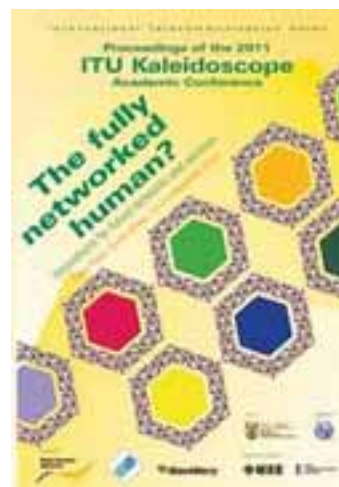
The Kaleidoscope 2013 conference - Building Sustainable Communities - was the fifth in a series of peer-reviewed academic conferences organized by the Telecommunication Standardization Sector of the International Telecommunication Union (ITU-T) with the technical co-sponsorship of the IEEE Communications Society and the Institute of Electronics, Information and Communication Engineers of Japan (IEICE). These papers at K-2013 focused on multidisciplinary aspects of future ICTs including future services and applications demand as well as socio-economic, cultural, ethical, legal, and sustainable development policy aspects of communities of the future. These conference proceedings include the full text of papers accepted for lecture and poster presentations (after a double-blind review by a panel of over 140 subject matter experts), as well as three invited papers and a summary of the keynote speeches. The 33 papers reproduced here should provide readers with valuable information relating to this essential field of studies. • •


MEDIA	PRICE CHF	LANGUAGE	ARTICLE	ISBN	PAGES
	Free	E			

**Proceedings of ITU Kaleidoscope 2011: The fully networked human? - Innovations for future networks and services - Cape Town, South Africa, 12-14 December 2011**

2011

The Kaleidoscope 2011 conference - The Fully Networked human ? Innovations for future networks and services - was the forth in a series of peer-reviewed academic conferences organized by the Telecommunication Standardization Sector of the International Telecommunication Union (ITU-T) with the technical co-sponsorship of the IEEE Communications Society. These papers at K-2011 focused on multidisciplinary aspects of future ICTs including future services and applications demand as well as social, economic and policy aspects of human-centric systems. These conference proceedings include the full text of papers accepted for lecture and poster presentations (after a double-blind review by a panel of over 100 subject matter experts), as well as three invited papers and a summary of the keynote speeches. The 34 papers reproduced here should provide readers with valuable information relating to this essential field of studies.




MEDIA	PRICE CHF	LANGUAGE	ARTICLE	ISBN	PAGES
	Free	E			

**Proceedings of ITU-T Kaleidoscope 2010: Beyond the Internet? - Innovations for future networks and services - Pune, India, 13-15 December 2010**

2010

These Proceedings contain all the papers accepted for the ITU-T Kaleidoscope 2010 "Beyond the Internet? - Innovations for future networks and services", Pune, India, 13-15 December 2010. The ITU-T Kaleidoscope academic conferences aim at increasing the dialogue between experts working on the standardization of information and communications technologies (ICTs) and academia; by viewing technologies through a kaleidoscope, these forward-looking events also seek to identify new topics for standardization. The papers at K-2010 focused, from a wide perspective including both technological and socio-economic angles, on evolution of Internet technologies towards future networks and services. The papers accepted for the conference were reviewed by a panel of over 100 subject matter experts from leading academic and research institutions worldwide.




MEDIA	PRICE CHF	LANGUAGE	ARTICLE	ISBN	PAGES
	Free	E			

**ITU-T IPTV Focus Group Proceedings**

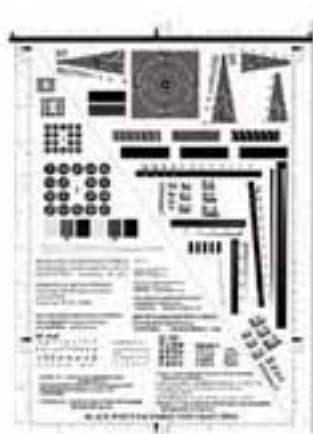
2008

"The mission of IPTV Focus Group is to coordinate and promote the development of global IPTV standards, taking into account the existing work of the ITU study groups as well as Standards Developing Organizations, Fora and Consortia. These proceedings follow the ITU-T IPTV meeting, which set out to define IPTV; carry out a review and gap analysis of existing standards and ongoing work; coordinate existing standardization activities; harmonize the development of new standards and encourage the interoperability with existing systems. •"



MEDIA	PRICE CHF	LANGUAGE	ARTICLE	ISBN	PAGES
	Free	E			



### 3.5 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
	12.- HQ	E	4530		1
	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		



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		



### 3.6 General

ITU-T Standardization: Committed to connecting the world  
2014

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




**NEW**



## 4.1 General

ITU-D Development: Committed to Connecting the World  
2011

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



## 4.2 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.

World Telecommunication/ICT Indicators Database CD-ROM

19th Edition, 2015

The World Telecommunication/ICT Indicators database on CD-ROM and online contains time series data for the years 1960, 1965, 1970 and annually from 1975 to 2014 for more than 180 telecommunication/ICT statistics (pdf format) 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 June release, data for 2014 are available for selected indicators such as fixed-telephone subscriptions, mobile-cellular telephone subscriptions, prices, international Internet bandwidth, fixed broadband subscriptions and percentage of individuals using the Internet. Data for over 200 economies are available.



MEDIA	PRICE CHF	LANGUAGE	ARTICLE	ISBN	PAGES
	467.- Yearly sub.	E	39400		




NEW

### World Telecommunication/ICT Indicators Online Database

2015

The World Telecommunication/ICT Indicators database on CD-ROM and online contains time series data for the years 1960, 1965, 1970 and annually from 1975 to 2014 for more than 180 telecommunication/ICT statistics (pdf format) 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 June release, data for 2014 are available for selected indicators such as fixed-telephone subscriptions, mobile-cellular telephone subscriptions, prices, international Internet bandwidth, fixed broadband subscriptions and percentage of individuals using the Internet. Data for over 200 economies are available. • \*Please note, database currently not compatible with Mac®.


MEDIA	PRICE CHF	LANGUAGE	ARTICLE	ISBN	PAGES
	467.- Yearly sub.	E			



### Yearbook of Statistics - Telecommunication/ICT Indicators - 2005-2014

2015

This is the 41st 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.



MEDIA	PRICE CHF	LANGUAGE	ARTICLE	ISBN	PAGES
	118.-	E	39968	978-92-61-16001-2	316



### Yearbook of Statistics - Telecommunication/ICT Indicators - 2004-2013



2014

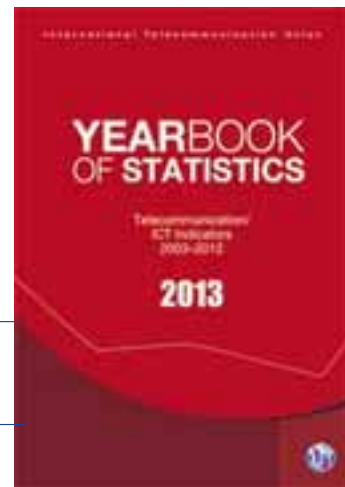
This is the 40th edition of the Yearbook of Statistics. The data included in the Yearbook have been collected and processed by the Telecommunication Development Bureau (BDT) from replies received to ITU questionnaires sent to telecommunication ministries or regulators and national statistics offices. 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.

MEDIA	PRICE CHF	LANGUAGE	ARTICLE	ISBN	PAGES
	114.-	E	39484	978-92-61-15341-0	320
	114.-	E			

**Yearbook of Statistics - Telecommunication/ICT Indicators - 2003-2012**  
2013

This is the 39th 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. • • Published December 2013.



MEDIA	PRICE CHF	LANGUAGE	ARTICLE	ISBN	PAGES
	114.-	E	38544	978-92-61-14411-1	308
	114.-	E			



NEW

**Yearbook of Statistics - Telecommunication/ICT Indicators - 2002-2011**  
2012



This is the 38th 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.

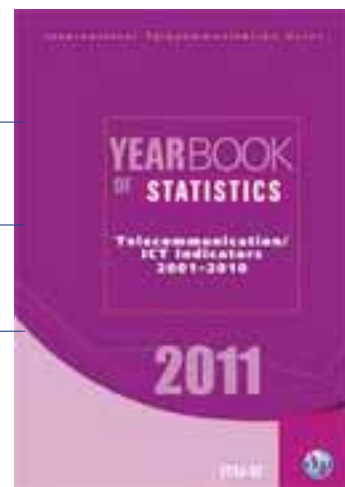
MEDIA	PRICE CHF	LANGUAGE	ARTICLE	ISBN	PAGES
	114.-	E	37909	978-92-61-14221-6	314
	114.-	E			

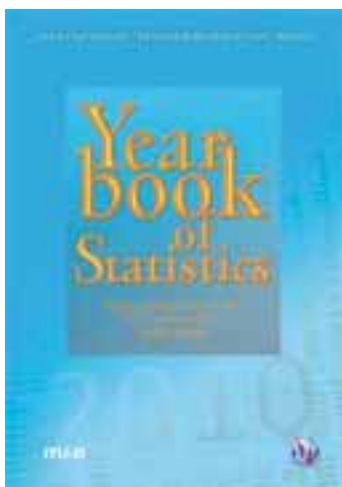


75

**Yearbook of Statistics - Telecommunication/ICT Indicators 2001-2010**  
2011



MEDIA	PRICE CHF	LANGUAGE	ARTICLE	ISBN	PAGES
	108.-	E	36876		306
	108.-	E			

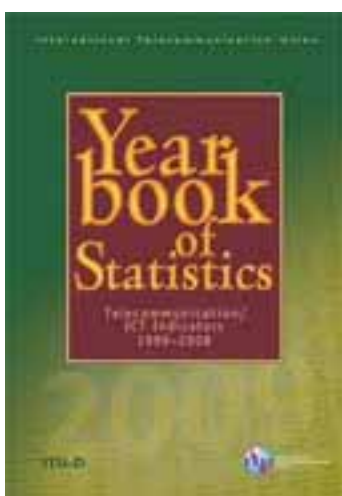




**Yearbook of Statistics – Telecommunication/ICT Indicators – 2000-2009**  
2010



This is the 36th 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.

MEDIA	PRICE CHF	LANGUAGE	ARTICLE	ISBN	PAGES
	95.-	E	36318	92-61-13461-0	302
	95.-	E			



**Yearbook of Statistics – Telecommunication/ICT Indicators – 1999-2008**  
2009



This is the 35th 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.

MEDIA	PRICE CHF	LANGUAGE	ARTICLE	ISBN	PAGES
	74.-	E	35003	92-61-13101-8	346
	74.-	E			



**Measuring the Information Society**  
2015



The Measuring the Information Society Report (MISR), which has been published annually since 2009, features key ICT data and benchmarking tools to measure the information society, including the ICT Development Index (IDI). The IDI 2015 captures the level of ICT developments in 167 economies worldwide and compares progress made since the year 2010. The MISR 2015 assesses IDI findings at the regional level and highlights countries that rank at the top of the IDI and those that have improved their position in the overall IDI rankings most dynamically since 2010. The report will feature a review and quantitative assessment of the global ITU goals and targets agreed upon at PP-14 and included in the Connect 2020 Agenda. In addition, the MISR will show the results of the ICT Price Basket (IPB) and present and analyse fixed- and mobile-broadband price data for around 180 economies. The report also includes a chapter looking into recent developments of the Internet of Things (IoT).

MEDIA	PRICE CHF	LANGUAGE	ARTICLE	ISBN	PAGES
	98.-	E	39879	978-92-61-15791-3	276
	59.-	E			

### Measuring the Information Society

2014

The MIS Report, which has been published annually since 2009, features key ICT data and benchmarking tools to measure the information society, including the ICT Development Index (IDI). The IDI captures the level of ICT developments in 166 economies worldwide and compares progress made during the last year. The MIS 2014 highlights the relationship between ICT development (as measured by the IDI) and the MDGs, a contribution to the ongoing discussions on the potential of ICTs as development enablers. The report includes the results of the ICT Price Basket (IPB) and new mobile-broadband price data for over 140 economies. Price data are analysed to provide insights into the relationship between affordability and income inequality, competition and regulation. The report also looks at new ICT data sources for measurement and examines the possible role of ICT big data for monitoring and development.

MEDIA	PRICE CHF	LANGUAGE	ARTICLE	ISBN	PAGES
	86.-	E	39464	978-92-61-15291-8	284
	86.-	E			





NEW

### Measuring the Information Society

2013

The ITU Measuring the Information Society (MIS) Report, which has been published annually since 2009, features two benchmarking tools to measure the information society: the ICT Development Index (IDI) and the ICT Price Basket (IPB). The IDI captures the level of ICT developments in 157 economies worldwide and compares progress made during the last year. The IPB combines the consumer prices for (fixed and mobile) telephone and Internet broadband services for 161 economies into one measure and compares these across countries, and over time.

MEDIA	PRICE CHF	LANGUAGE	ARTICLE	ISBN	PAGES
	83.-	E	38501	978-92-61-14401-2	266
	83.-	E			





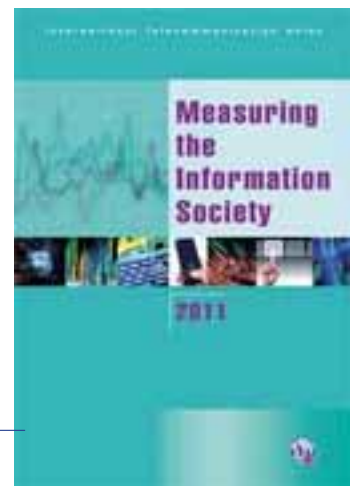
NEW

### Measuring the Information Society

2011

The 2011 edition of Measuring the Information Society features two benchmarking tools to measure the information society: the ICT Development Index (IDI) and the ICT Price Basket (IPB). The IDI captures the level of ICT developments in around 150 economies worldwide and compares progress made during the past two years. The IPB combines fixed telephone, mobile cellular and fixed broadband tariffs for around 160 economies into one measure and compares these across countries and over time. The Report also presents the latest global market trends, takes a closer look at fixed and mobile broadband developments and analyses the digital divide among Internet users. The analytical report is complemented by a series of statistical tables providing country-level data for the indicators included in the two indices.



MEDIA	PRICE CHF	LANGUAGE	ARTICLE	ISBN	PAGES
	79.-	E	36736	92-61-13801-2	186
	79.-	E			

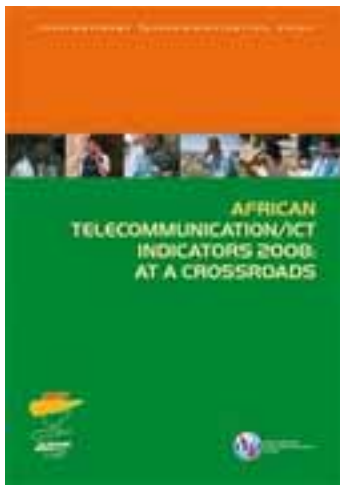




**Measuring the Information Society**  
2010




The 2010 edition of Measuring the Information Society features the latest ITU ICT Development Index (IDI), which captures the level of advancement of ICTs in more than 150 countries worldwide and compares progress made between 2002, 2007 and 2008. It also measures the global digital divide and examines how it has developed in recent years, and it discusses the impact of ICTs on socio-economic development. The report also features the ICT Price Basket, which combines fixed, mobile and broadband tariffs one measure and compares 2008 and 2009 data across countries. The analytical report is complemented by a series of statistical tables providing country-level data for the indicators included in the IDI and Price Basket. • • Please note that ITU also grants free online access to the electronic (Adobe® PDF) version of "Measuring the Information Society 2010" (excluding Annex 4).

MEDIA	PRICE CHF	LANGUAGE	ARTICLE	ISBN	PAGES
	55.-	E	35004	92-61-13111-5	134
	55.-	E			



**African Telecommunication/ICT Indicators 2008: At a crossroads**  
2008

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	32345	92-61-12411-9	150
		F	32344	92-61-12412-7	154
		A	32346	92-61-12416-X	
	56.-	E F			





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

2008

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			

**The ITU New Initiatives Programme: Internet Diffusion in South East Asia**

2002

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






MEDIA	PRICE CHF	LANGUAGE	ARTICLE	ISBN	PAGES
	50.-	E	21394	92-61-09931-9	



**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**

2015



The Little Data Book on Information and Communication Technology (ICT) presents tables for over 214 economies around the world. It provides comparable 2005 and 2014 data on key ICT indicators, including economic and social context, the structure of the ICT sector, 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
	20.-	E	40174	978-92-61-16391-4	248
	Free	E			

**NEW**

The Little Data Book on Information and Communication Technology  
2014

The Little Data Book on Information and Communication Technology (ICT) presents tables for over 214 economies around the world. It provides comparable 2005 and 2012 data on key ICT indicators, including economic and social context, the structure of the ICT sector and sector performance related to access, quality, affordability, efficiency, sustainability and applications. The glossary contains definitions of the terms used in the tables.

MEDIA	PRICE CHF	LANGUAGE	ARTICLE	ISBN	PAGES
	20.-	E	39282	978-92-61-14931-4	248
	Free	E			



NEW


### 4.3 Study Groups

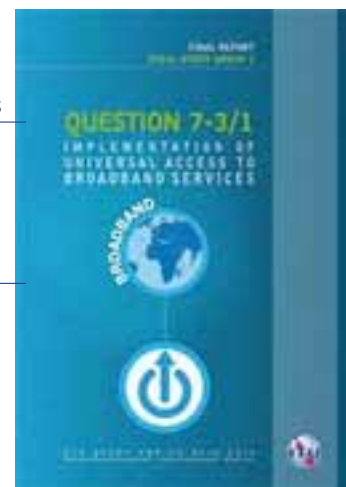
ITU-D study groups develop reports, guidelines and recommendations, based on study Questions approved by world telecommunication development conferences. Information is gathered through surveys, contributions and case studies. ITU-D study group publications are available, free of charge, on the ITU website.

81

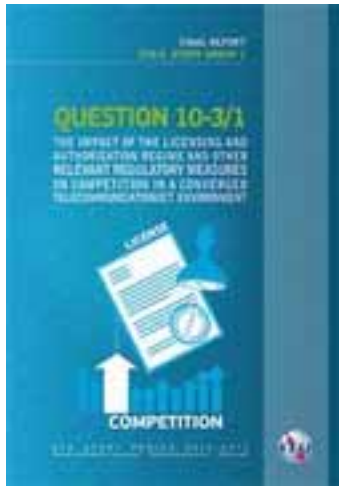
#### Study Group 1

Question 7-3/1: Implementation of universal access to broadband services  
2014

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




NEW

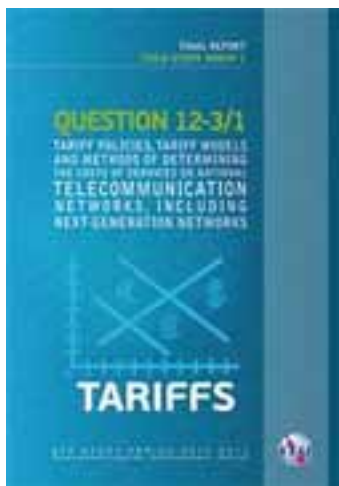


NEW

Question 10-3/1: The impact of the licensing and authorization regime and other relevant regulatory measures on competition in a converged telecommunication/ICT environment

2014


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

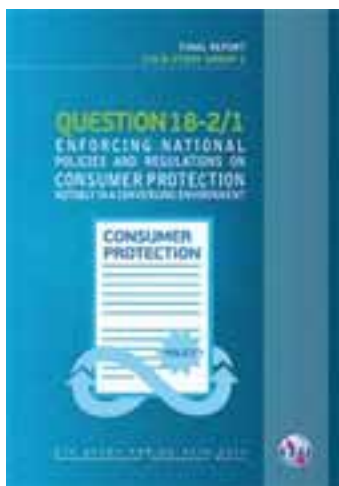


NEW

Question 12-3/1: Tariff policies, tariff models and methods of determining the costs of services on national telecommunication networks, including next-generation networks

2014


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



NEW


Question 18-2/1: Enforcing national policies and regulations on consumer protection notably in a converging environment

2014

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

Question 19-2/1: Implementation of IP telecommunication services in developing countries

2014


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



NEW

Question 20-1/1: Access to telecommunication/ICT services by persons with disabilities and with special needs

2014


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



NEW

Question 22-1/1: Securing information and communication networks: best practices for developing a culture of cybersecurity

2014

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




NEW



**NEW**

Question 23/1: Strategies and policies concerning human exposure to electromagnetic fields

2014


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



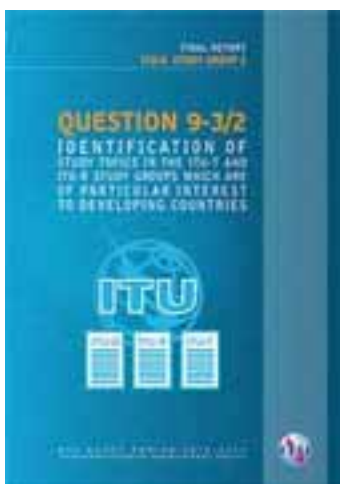
**NEW**

Question 24/1: Strategies and policies for the proper disposal or reuse of telecommunications/ICT waste material

2014

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


*Study Group 2*



**NEW**


Question 9-3/2: Identification of study topics in the ITU-T and ITU-R study groups which are of particular interest to developing countries

2014

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

Question 10-2/2 – Telecommunications for rural and remote areas


2010 - Final Report

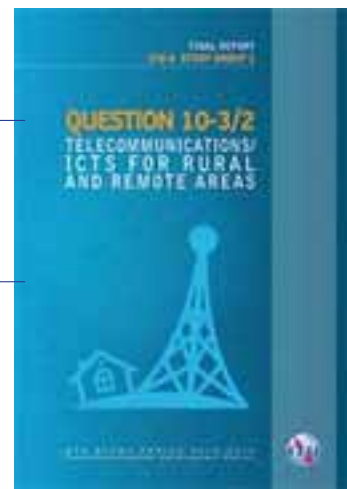
MEDIA	PRICE CHF	LANGUAGE	ARTICLE	ISBN	PAGES
	Free	E F S A C R			



Question 10-3/2: Telecommunications/ICTs for rural and remote areas

2014


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



**NEW**

Question 11-2/2 – Examination of terrestrial digital sound and television broadcasting technologies and systems, including cost/benefit analyses, interoperability of digital terrestrial systems with existing analogue networks, and methods of migration from analogue terrestrial techniques to digital techniques

2010 - Final Report

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




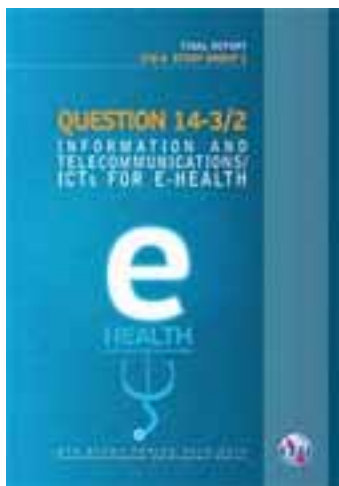


**NEW**

Question 11-3/2: Examination of terrestrial digital sound and television broadcasting technologies and systems, interoperability of digital terrestrial systems with existing analogue networks, and strategies and methods of migration from analogue terrestrial techniques to digital techniques

2014


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



**NEW**

Question 14-3/2: Information and telecommunications/ICTs for e-Health

2014


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



**NEW**


Question 17-3/2: Progress on e-government activities and identification of areas of application of e-government for the benefit of developing countries

2014

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




Question 18-1/2 – Implementation aspects of IMT 2000 and information-sharing on systems beyond IMT 2000 for developing countries  
2010

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




Question 22-1/2: Utilization of telecommunications/ICTs for disaster preparedness, mitigation and response  
2014

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



NEW

Question 22/2 – Utilization of ICT for disaster management, resources, and active and passive space-based sensing systems as they apply to disaster and emergency relief situations  
2010 - Final Report


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





Question 22/2 – Utilization of ICT for disaster management, resources, and active and passive space-based sensing systems as they apply to disaster and emergency relief situations – Guidelines on the Common Alerting Protocol (CAP)


2010

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



Question 24/2: ICT and climate change

2014


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

NEW




Question 25/2: Access technology for broadband telecommunications including IMT, for developing countries

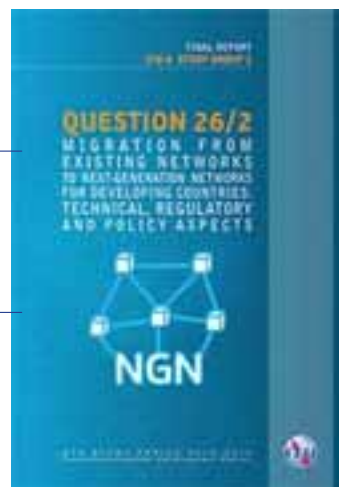
2014

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

NEW


**Question 26/2: Migration from existing networks to next-generation networks for developing countries: technical, regulatory and policy aspects**  
2014

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



NEW

**Resolution 9: Participation of countries, particularly developing countries, in spectrum management**  
2014



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

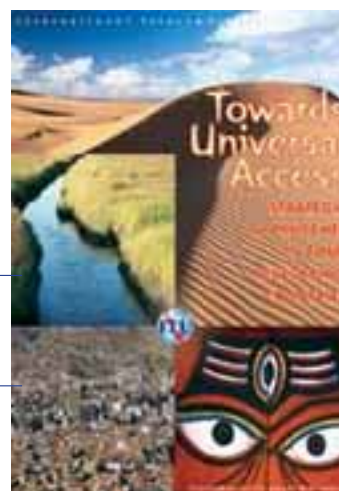


NEW

**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 F S R	21327 21328 21329 23160	92-61-09891-6 92-61-09892-4 92-61-09893-2 92-61-09894-0	44 44 44 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)

2015

Version 5.0 of the software contains a general data interface between monitoring software and SMS4DC, additional and revised propagation models based on the latest version of P.452, P.530, P. 1812 and P.1546 + 11343. There is further development of built-in and user specified administrative reports and a general method to import data to SMS4DC. The SMS4DC software is also available in Spanish. Self-learning training material can be provided upon request.

MEDIA	PRICE CHF	LANGUAGE	ARTICLE	ISBN	PAGES
	5100.-	E, F, S	40044	978-92-61-16151-4	




## 4.4 Conference Publications

### World Telecommunication Development Conference (WTDC-14): Final Report

2014

The sixth World Telecommunication Development Conference (WTDC-14) took place in Dubai (UAE) from 30 March to 14 April 2014. The Final Report contains the Dubai Declaration, the Conference's contribution to the ITU Strategic Plan for the Telecommunication Development Sector, the Dubai Action Plan (DuAP) focusing on the programmes and regional initiatives, and the resolutions approved by the Conference directed towards the purposes and objectives of the ITU Telecommunication Development Sector for the four-year period 2015-2018.






MEDIA	PRICE CHF	LANGUAGE	ARTICLE	ISBN	PAGES
	139.-	E	38988	978-92-61-14591-0	750
		F	38989	978-92-61-14592-7	750
		S	38990	978-92-61-14593-4	750
		A	38991	978-92-61-14596-5	750
		C	38992	978-92-61-14595-8	750
		R	38993	978-92-61-14594-1	750
	Free	E			
		F			
		S			
		A			
		C			
	139.-	E, F, S, A, C, R	38994	978-92-61-14607-8	

### World Telecommunication Development Conference (WTDC-10): Final Report

Hyderabad, 2010

The fifth World Telecommunication Development Conference (WTDC-10) took place in Hyderabad (India) from 24 May to 4 June 2010. The Final Report contains the Hyderabad Declaration, the Conference's contribution to the ITU Strategic Plan for the Telecommunication Development Sector, the Hyderabad Action Plan (HAP) focusing on the programmes and regional initiatives, and the resolutions approved by the Conference directed towards the purposes and objectives of the ITU Telecommunication Development Sector for the four-year period 2011-2014.






MEDIA	PRICE CHF	LANGUAGE	ARTICLE	ISBN	PAGES
	119.-	E	35951	92-61-13281-2	332
		F	35952	92-61-13282-0	332
		S	35953	92-61-13283-9	332
		A	35955	92-61-13286-3	332
		C	35956	92-61-13285-5	332
		R	35954	92-61-13284-7	332
	Free	E			
		F			
		S			
		A			
		C			
		R			



### World Telecommunication Development Conference (WTDC-06): Final Report

Doha, 2006

The fourth World Telecommunication Development Conference (WTDC-06) took place in Doha (Qatar) from 7 to 15 March 2006. The Final Report contains the Doha Declaration, the Conference's contribution to the ITU Strategic Plan for the Telecommunication Development Sector, the Doha Action Plan (DAP) focusing on the programmes, activities, regional initiatives, the resolutions approved and the recommendations made by the Conference directed towards the purposes and objectives of the ITU Telecommunication Development Sector for the four-year period 2007-2010.




MEDIA	PRICE CHF	LANGUAGE	ARTICLE	ISBN	PAGES
	76.-	E	29590	92-61-11621-3	280
		F	29594	92-61-11622-1	280
		S	29595	92-61-11623-X	280
		A	29596	92-61-11626-4	280
		C	29598	92-61-11625-6	280
		R	29597	92-61-11624-8	280
	Free	E			
		F			
		S			
		A			
		C			
	76.-	E, F, S, A, C, R	29600	92-61-11637-X	



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

Istanbul, 2002

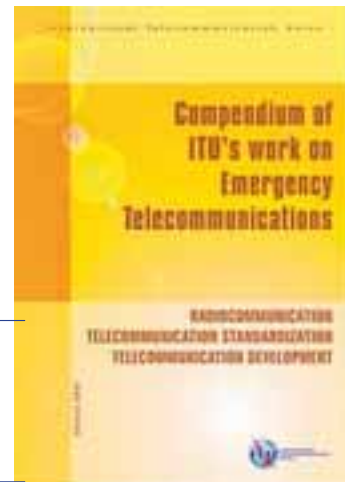
The third World Telecommunication Development Conference (WTDC-02) took place in Istanbul (Turkey) from 18 to 27 March 2002. The Final Report contains the Istanbul Declaration, the Strategic Plan of the Telecommunications Development Sector, the Istanbul Action Plan (ISAP) focusing on the programmes, activities, special initiatives, resolutions approved and recommendations made by the conference directed towards the purposes and objectives of the ITU Telecommunications Development Sector for the four-year period 2003-2006, and the detailed programme of the conference as well as miscellaneous appendices containing the speeches, the abbreviations and acronyms, the list of documents submitted to the conference and the list of participants.




MEDIA	PRICE CHF	LANGUAGE	ARTICLE	ISBN	PAGES
	50.-	E	21975	92-61-10091-0	206
		F	21976	92-61-10092-9	228
		S	21977	92-61-10093-7	226
		A	21978	92-61-10096-1	208
		C	21979	92-61-10095-3	210
		R	21980	92-61-10094-5	208
	Free	E			
		F			
		S			
		A			
		C			
	50.-	E, F, S, A, C, R	21981	92-61-10127-5	

## 4.5 Handbooks

### Compendium of ITU'S Work on Emergency Telecommunications 2007

This publication presents, for the first time under one cover, the work being done by ITU's three Sectors (Radiocommunication, Standardization and Telecommunication Development) in the field of emergency telecommunications (or disaster communications). The release of this compendium is timely since disasters are striking with increased frequency and magnitude, resulting in unprecedented loss of human life, not to mention economic disruption and damage. The electronic versions are free of charge as of 2014.






MEDIA	PRICE CHF	LANGUAGE	ARTICLE	ISBN	PAGES
	135.-	E	31188	92-61-12221-3	634
		F	31234	92-61-12222-1	672
		S	31235	92-61-12223-X	682
		A	31248	92-61-12226-4	660
		C	31249	92-61-12225-6	634
		R	31247	92-61-12224-8	634
	Free	E			
		F			
		S			
		A			
		C			
	135.-	E, F, S, A, C, R	31236	92-61-12237-X	

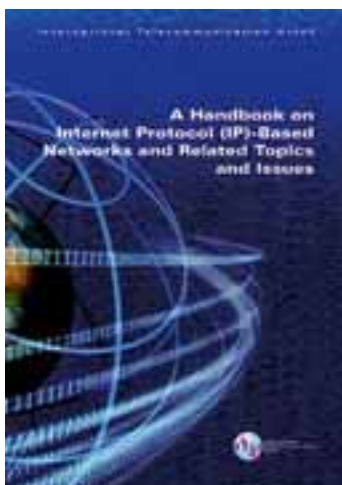
### Emergency Telecommunications

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	



### A Handbook on Internet Protocol (IP)-Based Networks and Related Topics and Issues

2005

The use of Internet Protocol (IP)-based technologies is now a strategic element in the design, development and use of telecommunication networks. Consequently, there is a growing interest in the policy and regulatory issues related to the growth of IP-based networks, such as the Internet, and their convergence with other networks. The ITU project team worked diligently to provide a factual, unbiased account of how IP-based networks, including the Internet, work today, as well as some of the key policy issues associated with the proliferation of these networks and services.



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

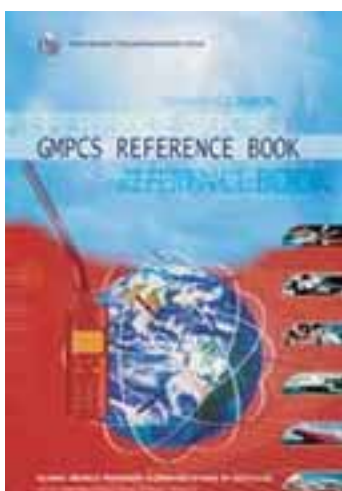


### Training Development Guidelines

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 F S	18438 18439 18440	92-61-08711-6 92-61-08712-4 92-61-08713-2	390 418 404
	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 F S	16857 16858 16859	92-61-08311-0 92-61-08312-9 92-61-08313-7	388 388 388
	48.-	E F S			





## 4.6 E-Strategies

### eHealth and innovation in women's and children's health: A baseline review

2014

Improving the health of women and children is a global health imperative, reflected in two of the most compelling Millennium Development Goals which seek specifically to reduce maternal and infant deaths by 2015. This joint report by the World Health Organization (WHO) and the International Telecommunication Union (ITU), based on a 64-country survey, demonstrates - as never before in such detail - the vital role that information and communication technologies (ICTs) and particularly eHealth are playing today in helping achieve those targets. It demonstrates how, every day, eHealth is saving the lives of women, their babies and infants in some of the most vulnerable populations around the world, in a wide variety of innovative ways.





MEDIA	PRICE CHF	LANGUAGE	ARTICLE	ISBN	PAGES
	40.-	E	39112	978-92-61-14671-9	164
	Free	E			

### National eHealth Strategy Toolkit

2012

Worldwide, the application of information and communication technologies to support national health-care services is rapidly expanding and increasingly important. This is especially so at a time when all health systems face stringent economic challenges and greater demands to provide more and better care, especially to those most in need. • • The National eHealth Strategy Toolkit is an expert, practical guide that provides governments, their ministries and stakeholders with a solid foundation and method for the development and implementation of a national eHealth vision, action plan and monitoring framework. All countries, whatever their level of development, can adapt the Toolkit to suit their own circumstances. • • Representing one of the most significant collaborations in recent years between the World Health Organization and the International Telecommunication Union, the Toolkit is a landmark in understanding what eHealth is, what it can do, and why and how it should be applied to health care today.





MEDIA	PRICE CHF	LANGUAGE	ARTICLE	ISBN	PAGES
	100.-	E	37408	978-92-61-14051-9	223
	Free	E F A C			



### 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
	Free	R	39682	978-92-61-15644-2	394
		E			
		F			
		S			
		A			
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		R			

96

NEW

## 4.7 Publications on ICT Regulation, Economics and Finance

ISSUES IN TELECOMMUNICATIONS  
DEVELOPMENT:  
FINANCE AND TRADE  
1998 REVIEW



July 1998  
First Edition



### 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	13128	92-61-07361-1	496
		F	13194	92-61-07362-X	496
		S	13195	92-61-07363-8	496
		A	16746	92-61-07366-2	496
		R	20787	92-61-07364-6	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			



*Trends in Telecommunication Reform Series*



**NEW**

**Trends in Telecommunication Reform 2015: Getting ready for the digital economy**

2015

Under the overarching theme "Getting ready for the digital economy", the 15th edition of Trends in Telecommunication Reform discusses changing ICT consumer behaviour, consumer empowerment and protection in the digital age. It further explores the opportunities and challenges of big data and what it means from a regulatory perspective; why competition matters. It also attempts to answer whether it is time to rethink spectrum licensing, how to monitor the implementation of broadband plans and what are the new business models driven by digital communications and services.

• • As in previous editions, the publication will feature an in-depth analysis of current market and regulatory trends based on ITU data from one of the world's most comprehensive data platforms, the ICT Eye. • • See Table of Contents and preview at:

<a

href=http://www.itu.int/en/publications/Documents/Trends2015-short-version\_pass-e374681.pdf>http://www.itu.int/en/publications/Documents/Trends2015-short-version\_pass-e374681.pdf</a>

<script src="//platform.twitter.com/oct.js" type="text/javascript"></script>


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MEDIA	PRICE CHF	LANGUAGE	ARTICLE	ISBN	PAGES
	185.-	E	39622	978-92-61-15521-6	244
		F	39623	978-92-61-15522-3	
		S	39624	978-92-61-15523-0	
		A	39625	978-92-61-15526-1	
		C	39626	978-92-61-15525-4	
		R	39627	978-92-61-15524-7	



185.-


E



**Trends in Telecommunication Reform Special Edition - Fourth-generation regulation: Driving digital communications ahead**

2014

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 fostering economic and market growth while ensuring that all citizens safely benefit from the digital opportunities brought by the digital economy. • • This edition is exceptionally free of charge.




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

**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.

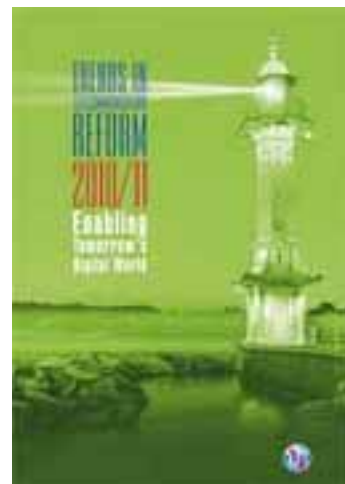





MEDIA	PRICE CHF	LANGUAGE	ARTICLE	ISBN	PAGES
	176.-	E	36834	978-92-61-13931-5	304
		F	36836	978-92-61-13932-2	340
		S	36837	978-92-61-13933-9	338
		A	36839	978-92-61-13936-0	306
		C	36840	978-92-61-13935-3	300
		R	36838	978-92-61-13934-6	308
	176.-	E			
		F			
		S			
		A			
		C			
	176.-	E, F, S, A, C, 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
	117.-	E			
		F			
		S			
		A			
		C			
	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			
		S			
		A			
		C			
	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 2008

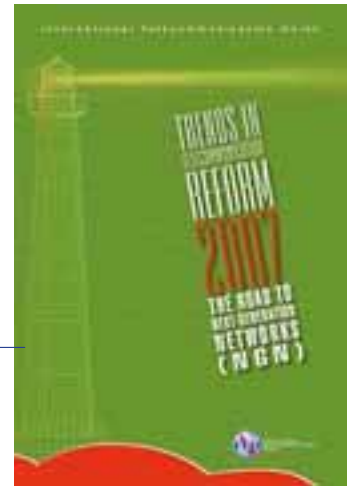
Many developing countries are preparing for a second wave of regulatory reform designed to enable them to harness the promise of new technologies and participate fully in the information society. This report examines a range of innovative sharing strategies regulators can use to speed up the uptake of 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
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**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.





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**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.






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**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.




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**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.

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### 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.

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### 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.

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### 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.

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	225.-	E, F, S	16200	92-61-08147-9	







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

1999

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



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### 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.

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### 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.

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### 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



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### 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.


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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.

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	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.



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### Collection of General Trends in Telecommunication Reform

1998 - All volumes

These volumes, which are published separately, are organized by region and contain key regulatory information for each ITU Member State in Africa (Vol. II), the Americas (Vol. III), the Arab States (Vol. IV), Asia-Pacific (Vol. V), and Europe (Vol. VI). The information is structured as follows: contact information for regulatory and policy-making bodies, legal instruments, regulatory issues, ownership of the incumbent operator, the degree of liberalization in various market segments, and future regulatory plans. • Special discount of 20% for the entire package: Volumes I-VI or Volumes II-VI (paper format only). • Article: E: 13064 Vol. I - VI Price: 372 CHF • Article: E: 13067 Vol. II - VI Price: 297 CHF

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		F	13065		786
		S	13069		786

*Publications on Economics & Finance*

**Trends in Economics and Finance**  
**Volume II: Use of Economic Modelling in Telecommunications**  
2006

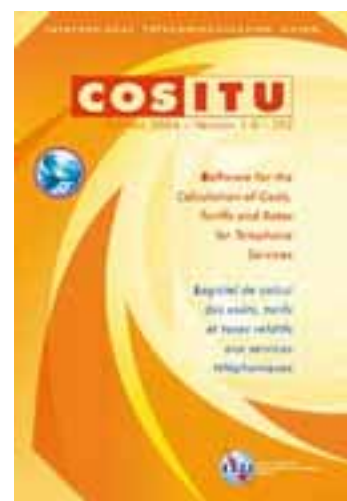
In the telecommunication industry, economic modelling techniques such as regression analysis, simulations and linear programming are powerful tools that can aid decision making for governments, regulatory authorities and telecommunication operators. Nevertheless, in many countries such techniques are 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.



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**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).





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	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.



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### 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.



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### Telecommunication Policies for the Americas (The Blue Book)

2000

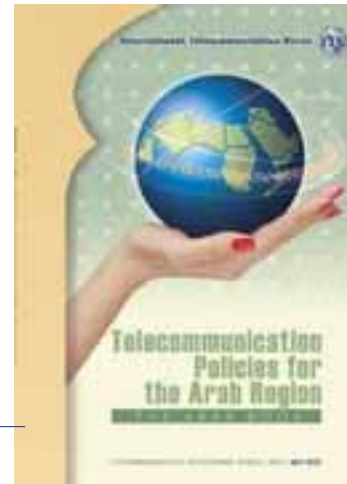
This second edition of the Blue Book is the result of continued coordination and collaboration between the ITU-D and CITEL (Inter-American Telecommunications Commission). The Blue Book has been updated to take into account the rapidly changing telecommunication environment. New aspects addressed in this 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.

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		R	20748	92-61-08384-6	155
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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.



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		F	21596	92-61-10002-3	170
		A	21597	92-61-10006-6	164

### The African Green Paper: Telecommunication Policies for Africa

1996

This publication is the result of collaboration among African experts since the first ITU African Regional Telecommunication Development Conference (1990). The African Green Paper explores specific themes related to the overall restructuring of the telecommunications sector. It comprises eight chapters and is intended to serve as a reference document for decision makers who are contemplating reform of the sector. It was formally approved at the second African Regional Telecommunication Development Conference (Abidjan, 1996).



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	60.-	E	7215	92-61-06321-7	160
		F	7216	92-61-06322-5	160

109

### Guide on Data Collection for the application of the COSITU model

2007

This data collection guide is a follow-up to the COSITU user manual. It provides a methodology to help telecommunication regulators and operators to efficiently calculate costs, taxes related to trade in international traffic, interconnection rates between local operators, and tariffs for national and international telephone services, both fixed and mobile, on the basis of a rigorous cost model.




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### The impact of taxation on the digital economy

2016

This study reviews and discusses policy issues related to taxation of firms operating within the digital sector. The ongoing debate around taxation in the digital economy includes pressing issues such as: what is the appropriate level of taxation? How should Internet sales, consumption of digital goods, wireless devices and personal computers be taxed? Should providers of digital platforms be taxed at the country where revenues are generated, or should they benefit from international rules that allow them to take tax exemptions in certain locations? Should Internet service providers pay taxes the same way as telecommunication operators? This study provides guidance on how to answer these questions as taxation today is one of the most important issues in a digital environment.

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