



# History of ITU Portal

Focus on Radiocommunication



[www.itu.int/history/radio](http://www.itu.int/history/radio)



# 150 years of ITU history buried inside ITU's documents





# Documents can tell a story

Notif. n° 305

Concerne: N. 61.760/1938.-

Monsieur le Directeur,

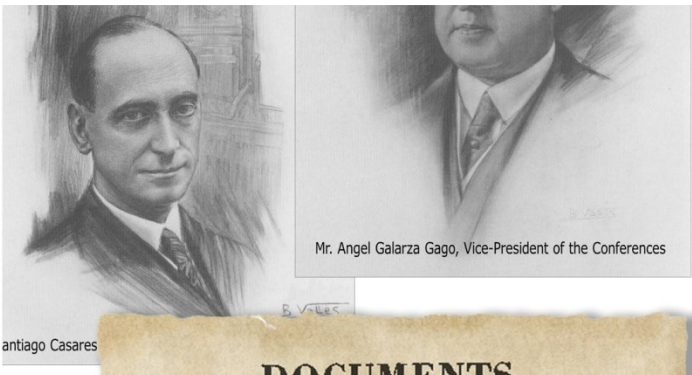
Nous avons l'honneur de porter à votre connaissance qu'il y a lieu de faire modifier, comme suit, dans les notifications, le prochain tableau des "voies de communications actuellement interrompues", en ce qui concerne le câble Constantza - Istanbul.

Câble Constantza-Istanbul ..... 31.1.1938.. Les télégrammes sont acheminés normalement, sans retard, par sans fil ou par fil.

Veuillez agréer, Monsieur le Directeur, l'assurance de notre haute considération.

DIRECTEUR  
*J. J. J.*

Chef du service  
*J. J. J.*



## Journal des télécommunications

REVUE MENSUELLE DE L'UNION INTERNATIONALE DES TÉLÉCOMMUNICATIONS — 15 MAI 1965

NAPOLEON III — P

BUREAU INTERNATIONAL des Administrations

Mois de Janvier

Reçu

1. Traitement. M. Cochard, Directeur; Bellard, Secrétaire; Challet, Expéditeur, à partir du 21 jours.

2. Frais de bureau. Indemnité fixe de fr. 5000 à compter sur la 1<sup>re</sup> année.

3. Frais d'impression. Brevets, gravures, par les Bureaux de presse, abonnement des télégraphes.

M. J. Weyl, imprimeur, 184, Rue de la Harpe, Paris.

M. J. Weyl, imprimeur, 184, Rue de la Harpe, Paris.

le Directeur,  
 le Secrétaire.

le Département des Postes.

85/80  
 2376/65

### DOCUMENTS

DE LA

## CONFÉRENCE INTERNATIONALE DES RADIOCOMMUNICATIONS

DU CAIRE (1938)

PUBLIÉS PAR LE BUREAU DE L'UNION INTERNATIONALE DES TÉLÉCOMMUNICATIONS

BERNE  
 BUREAU DE L'UNION INTERNATIONALE DES TÉLÉCOMMUNICATIONS  
 1938

CREDENTIALS

BE the Government of the Republic of Zimbabue desires to be represented at World Administrative Radio Conference to be held in Geneva from 2nd to 8th March 1967;

WHEREFORE these Presents are to signify that the persons whose names of hereunder have been duly appointed as Representatives having Full and Authority to represent the Government of the Republic of Zimbabue said Conference in the capacities respectively indicated:-

MARENGA - Assistant Director Telecommunications Executive (Head of Delegation)

MARLO - Head Transmitter Zimbabue Broadcasting Corporation (Delegate)

THREE WITNESSES, I have signed these Presents and affixed hereto the seal of my Office.

IN WITNESS WHEREOF, this 28<sup>th</sup> day of January, one thousand nine hundred and sixty seven.

Marengwa

### RÈGLEMENT TÉLÉGRAPHIQUE (REVISION DE PARIS, 1949)

ANNEXE A LA

## CONVENTION INTERNATIONALE DES TÉLÉCOMMUNICATIONS (ATLANTIC CITY, 1947)

PROTOCOLE FINAL

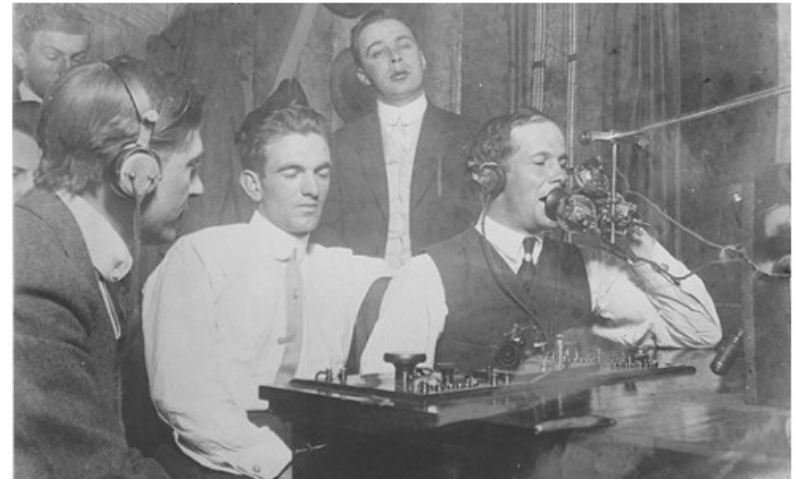
AUTRE RÈGLEMENT

GENÈVE  
 SECRETARIAT GÉNÉRAL DE L'UNION INTERNATIONALE DES TÉLÉCOMMUNICATIONS  
 1949



# Welcome to the History of ITU Portal

Your gateway to a wealth of information about ITU's history: facts, figures, lists, dates, and a growing selection of digitized documents.



## EXPLORE THE DIGITAL COLLECTIONS



## DISCOVER ITU'S HISTORY



## FOCUS ON ITU'S AREAS OF WORK







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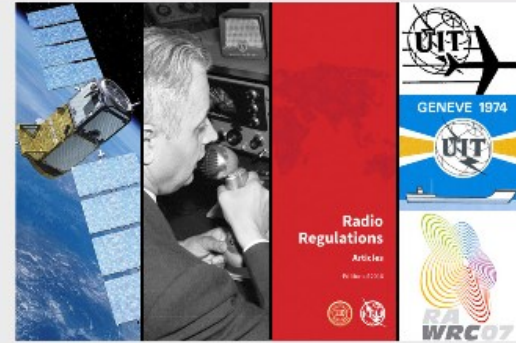
# Focus on ITU's Areas of Work

## FOCUS ON STANDARDIZATION



**Standardization:** setting international standards that facilitate interoperability of equipment and systems on a worldwide basis, as well as defining tariff and accounting principles for international telecommunications services.

## FOCUS ON RADIOCOMMUNICATION



**Radiocommunication:** ensuring optimal, fair and rational use of the radio frequency spectrum and satellite-orbit resources, as well as coordinating matters related to radio communication services and wireless services.

## FOCUS ON DEVELOPMENT



**Development:** implementing programmes designed to improve telecommunication infrastructure and capacity building in the developing world.

## FOCUS ON ITU TELECOM



**ITU Telecom:** promoting knowledge-sharing and networking through an exhibition of the latest ICT technologies and a forum featuring high-level speakers from across the industry.



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# Focus on Radiocommunication



ITU's work in the area of radio communications began in 1906 when the first International Radiotelegraph Conference gathered 29 maritime states in Berlin to sign the International Radiotelegraph Convention. The Bureau of the International Telegraph Union (ITU) was designated by the Berlin Conference to act as the central administrative organ for a variety of tasks arising from the Convention.

In 1927, the International Radiotelegraph Conference in Washington established the International Radio Consultative Committee (CCIR) to study technical and operating questions related to radio communications and to issue recommendations on them.

In 1947, at the joint International Telecommunication Conference and International Radio Conference in Atlantic City, the International Frequency Registration Board (IFRB) was created to act as an administrative body to regulate the use of frequencies.

In 1992, the Union's Additional Plenipotentiary Conference in Geneva undertook a reform of ITU to give the Union greater flexibility to adapt to an increasingly complex, interactive and competitive telecommunications environment. ITU's three main areas of activity were organized in "Sectors": telecommunication development, radiocommunications, and telecommunication standardization. The CCIR was renamed the Radiocommunication Sector (ITU-R).

The Radiocommunication Bureau (BR) is the secretariat for the Sector. On 1 March 1993, it resulted from the fusion of the Secretariats of the former International Radio Consultative Committee (CCIR), and the International Frequency Registration Board (IFRB). It also included the Maritime Mobile document services, Radio Regulations and Associated Administrative Matters formerly of the ITU General Secretariat.

## HISTORY LINKS

- ▶ [Complete List of Radio Conferences](#)
- ▶ [Complete List of CCIR and RA Assemblies](#)
- ▶ [Past and Present Directors - CCIR and BR](#)
- ▶ [International Frequency Registration Board \(IFRB\)](#)
- ▶ [Radio Regulations Board \(RRB\)](#)
- ▶ [100 Years of Radio Regulations \(2006\)](#)
- ▶ [110th anniversary of the ITU Radio Regulations \(1906-2016\)](#)
- ▶ [All editions of the Radio Regulations](#)
- ▶ [Radio Statistics \(1908-1967\)](#)
- ▶ [Tables of Satellites Launched \(1957-1993\)](#)
- ▶ [Reports on Telecommunication and the Peaceful Uses of Outer Space \(1962-1996\)](#)
- ▶ [CCIR Plenary Assembly Logos](#)
- ▶ [CCIR 50th Anniversary: 1929-1979. Geneva: ITU, 1979. \(booklet\):](#)
  - ▶ [English](#) | [Français](#) | [Español](#)

## TODAY'S ITU-R

- ▶ [ITU Radiocommunication Sector](#)

[www.itu.int/history/radio](http://www.itu.int/history/radio)





## HISTORY LINKS

- ▶ [Complete List of Radio Conferences](#)
- ▶ [Complete List of CCIR and Radiocommunication Assemblies](#)
- ▶ [Past and Present Directors - CCIR and BR](#)
- ▶ [International Frequency Registration Board \(IFRB\)](#)
- ▶ [Radio Regulations Board \(RRB\)](#)
- ▶ [100 Years of Radio Regulations \(2006\)](#)
- ▶ [110th anniversary of the ITU Radio Regulations \(1906-2016\)](#)
- ▶ [All editions of the Radio Regulations](#)
- ▶ [Radio Statistics \(1908-1967\)](#)
- ▶ [Tables of Satellites Launched \(1957-1993\)](#)
- ▶ [Reports on Telecommunication and the Peaceful Uses of Outer Space \(1962-1996\)](#)
- ▶ [Further Reading: Radio](#)
- ▶ [CCIR Plenary Assembly Logos](#)
- ▶ [CCIR 50th Anniversary: 1929-1979. Geneva: ITU, 1979. \(booklet\):](#)



[English](#) | [Français](#) | [Español](#)



# Complete List of Radio Conferences

Filter by Place: (All)

Filter by Regions: (All)

OR

Filter by Services: (All)

THEN Group By: None

- (All)
- All services
- Broadcasting
- Broadcasting, Space
- Mobile - Aeronautical
- Mobile - Aeronautical, Broadcasting
- Mobile - Land, Mobile - Maritime, Mobile - Aeronautical
- Mobile - Maritime
- Mobile - Maritime, Broadcasting
- Mobile - Maritime, Mobile - Aeronautical
- Space

Year↑	Conference Name	Acronym	Radio	Region	Place
1903	Preliminary Conference on Wireless Telegraphy (Berlin, 1903)		Mobile - Maritime	World	Berlin
1906	International Radiotelegraph Conference (Berlin, 1906)		Mobile - Maritime	World	Berlin
1912	International Radiotelegraph Conference (London, 1912)		Mobile - Maritime	World	London
1927	International Radiotelegraph Conference (Washington, 1927)		All services	World	Washington, D.C.
1929	European Radiotelegraph Conference (Prague, 1929)		Broadcasting	Regional - Radio Conferences	Prague
1932	International Radiotelegraph Conference (Madrid, 1932)				
1933	European Radio Conference (Lucerne, 1933)				
1938	Conférence radiotéléphonique maritime (Revision des arrangements régionaux de la Mer du Nord et de la Mer Baltique) (The Hague, 1938)		Mobile - Maritime	Regional - Radio Conferences	The Hague
1938	International Radiocommunication Conference (Cairo, 1938)		All services	World	Cairo
1939	European Broadcasting Conference (Montreux, 1939)		Mobile - Aeronautical, Broadcasting	Regional - Radio Conferences	Montreux
1947	International Radio Conference (Atlantic City, 1947)		All services	World	Atlantic City
1947	International HF Broadcasting Conference (Atlantic City, 1947)		Broadcasting	World	Atlantic City
1948	European Broadcasting Conference (Copenhagen, 1948)	CER	Broadcasting	Regional - Radio Conferences	Copenhagen

69 radio-conferences (world & regional) published  
In 2016, 38 new conference pages added





# International Radio Conference (Atlantic City, 1947)

16 May - 2 October 1947 - Atlantic City , United States



On September 16, 1946 the United States government requested that the Bureau of the International Telecommunication Union invite members of the Union to a plenipotentiary conference in Atlantic City. The International Telecommunications Conferences took place in Atlantic City beginning with the International Radio Conference, which convened on 15 May 1947, and the International Telecommunication Conference, which was held simultaneously beginning on 1 July 1947. One of the first actions of the International Telecommunication Conference was to approve the Rules of Procedure as well as assess the participation of a number of uninvited countries. In particular, Spain was not admitted to any of the Atlantic City conferences while under the rule of Franco.

Changes were made to the Frequency Allocation Table including the decision to include the radio navigational service. In addition, the Cairo Regulations would be broadened to include frequency broadcasting. A band was assigned for the development and use of experimental frequency broadcasting. A band was assigned for the development and use of experimental frequency broadcasting. A band was assigned for the development and use of experimental frequency broadcasting.

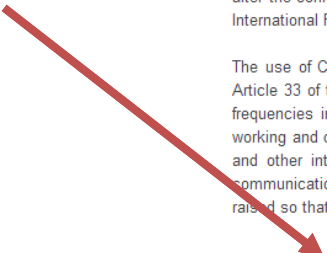
The International Frequency Registration Board (IFRB) was created to act as an administrative body created at the International Radio Conference and approved by the International Telecommunication Union. It introduced an entirely new type of administrative body and new concept in the regulation of frequency use to be countries of new registrations giving them an opportunity to raise concerns and objections completed if it conformed with all provisions of the Regulations. A working group was created to undertake the notification and registration of frequencies, undertaking studies and recommendations. The IFRB would have eleven members from four areas of regional representation: Americas, Western Europe and Africa, Eastern Europe and North Asia and the rest of the world. Furthermore, the members of the IFRB were to be free of outside influence. They were to be elected at the conference and held their first meeting on September 30, 1947. A committee was set up to examine frequencies that were in use, but also the frequencies that were needed. This committee also examined and recommended a new International Frequency List. It was decided that work on a new International Frequency List would continue after the conference. Following the International Radio Conference the IFRB would work with the Provisional Frequency Board to create a new International Frequency List that would be compiled based on engineering principles.

The use of Class B (Spark) emissions was forbidden except for emergency use aboard ships, lifeboats and other survival craft equipment. Article 33 of the Regulations introduced two important changes: provisions were included that would allow aircraft to use a certain number of frequencies in the maritime service; and, the maritime frequency bands would be sub-divided into three categories: calling, passenger-ship working and cargo ship working. Regarding procedures in aeronautical service, it was decided that the International Civil Aviation Organization and other international aeronautical organizations would assume the responsibility for procedures and regulations related to aeronautical communication. However, ITU would continue to maintain general procedures regarding distress signals. The rates for aeronautical service were raised so that the cost of radiotelegraph rates for aircraft would conform with ship charges.

## Each conference has:

- A web page
- Digitized versions of all conventions/final acts, lists of participants, conference documents
- Background information
- Further reading

## Access to the scanned documents



Conference Outcomes	Conference Documents	Quick Facts	Further Reading	Complete list of Radio Conferences
Radio regulations annexed to the International Telecommunication Convention (Atlantic City, 1947)	(English)		PDF (acrobat)	
Règlement des radiocommunications annexé à la Convention internationale des télécommunications (Atlantic City, 1947)	(Français)		PDF (acrobat)	
Reglamento de radiocomunicaciones anexo al convenio internacional de telecomunicaciones (Atlantic City, 1947)	(Español)		PDF (acrobat)	
Radio regulations annexed to the International Telecommunication Convention (Atlantic City, 1947)	(Chinese)		PDF (acrobat)	





Conference Outcomes

Conference Documents

Quick Facts

Further Reading

Complete list of Radio Conferences

Radio regulations annexed to the International Telecommunication Convention (Atlantic City, 1947)

(English)

 [PDF \(acrobat\)](#)

Règlement des radiocommunications annexé à la Convention international des télécommunications (Atlantic City, 1947)

(Français)

 [PDF \(acrobat\)](#)

Reglamento de radiocomunicaciones anexo al convenio internacional de telecomunicaciones (Atlantic City, 1947)

(Español)

 [PDF \(acrobat\)](#)

Radio regulations annexed to the International Telecommunication Convention (Atlantic City, 1947)

(Chinese)

 [PDF \(acrobat\)](#)


















Conference Outcomes


**Conference Documents**

Quick Facts

Further Reading

Complete list of Radio Conferences

Documents of the International Radio Conference (Atlantic City, 1947) - Final List of Documents	(English)	 <a href="#">PDF (acrobat)</a>
Documents of the International Radio Conference (Atlantic City, 1947) - Document No. 1-100	(English)	 <a href="#">PDF (acrobat)</a>
Documents of the International Radio Conference (Atlantic City, 1947) - Document No. 101-200	(English)	 <a href="#">PDF (acrobat)</a>
Documents of the International Radio Conference (Atlantic City, 1947) - Document No. 201-300	(English)	 <a href="#">PDF (acrobat)</a>
Documents of the International Radio Conference (Atlantic City, 1947) - Document No. 301-400	(English)	 <a href="#">PDF (acrobat)</a>
Documents of the International Radio Conference (Atlantic City, 1947) - Document No. 401-500	(English)	 <a href="#">PDF (acrobat)</a>
Documents of the International Radio Conference (Atlantic City, 1947) - Document No. 501-600	(English)	 <a href="#">PDF (acrobat)</a>
Documents of the International Radio Conference (Atlantic City, 1947) - Document No. 601-700	(English)	 <a href="#">PDF (acrobat)</a>
Documents of the International Radio Conference (Atlantic City, 1947) - Document No. 701-800	(English)	 <a href="#">PDF (acrobat)</a>
Documents of the International Radio Conference (Atlantic City, 1947) - Document No. 801-900	(English)	 <a href="#">PDF (acrobat)</a>
Documents of the International Radio Conference (Atlantic City, 1947) - Document No. 901-1008	(English)	 <a href="#">PDF (acrobat)</a>



Conference Outcomes

Conference Documents

**Quick Facts**

Further Reading

Complete list of Radio Conferences

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### Chairman

Mr. Charles R. Denny, Jr., Chairman of the Federal Communications Commission (USA)

### Countries participating

78

### List of participants

International Telecommunication Conferences Directory (Atlantic City, 1947) (Multilingual)








**PDF (acrobat)**



[Conference Outcomes](#)[Conference Documents](#)[Quick Facts](#)[Further Reading](#)[Complete list of Radio Conferences](#)

## Further Reading

- |   |            |   |
|---|------------|---|
| M. Mili. M. Mili "Twenty-five years ago...Atlantic City." Telecommunication Journal, vol. 39 (no. 8), 1972. pp 470-474.                                   | (English)  |  <a href="#">PDF (acrobat)</a> |
| "La Conférence internationale des radiocommunications d'Atlantic City: l'inauguration." Journal des télécommunications, vol. 14 (no. 6), 1947. pp 113-119 | (Français) |  <a href="#">PDF (acrobat)</a> |
| "La Conférence internationale des radiocommunications d'Atlantic City." Journal des télécommunications, vol. 14 (no. 7), 1947. pp 133-137.                | (Français) |  <a href="#">PDF (acrobat)</a> |
| "Les Conférences d'Atlantic City." Journal des télécommunications, vol. 14 (no. 8), 1947. pp 157-160.   | (Français) |  <a href="#">PDF (acrobat)</a> |
| "Les Conférences internationales d'Atlantic City." Journal des télécommunications, vol. 14 (no. 9), 1947. pp 181-185.                                     | (Français) |  <a href="#">PDF (acrobat)</a> |

## Library Catalogue

- |   |                |  |
|---|----------------|--|
| <a href="#">Link to the ITU Library Catalogue (Atlantic City, 1947)</a> | (Multilingual) |  <a href="#">Link</a> |
|---|----------------|--|

## Newsletters

- |  |            |   |
|--|------------|---|
| <a href="#">The Morning Electron (Atlantic City, 1947)</a> | (English)  |  <a href="#">PDF (acrobat)</a> |
| <a href="#">L'electron du matin (Atlantic City, 1947)</a>  | (Français) |  <a href="#">PDF (acrobat)</a> |

# Complete List Of CCIR and Radiocommunication Assemblies

Year↑	Conference Name	Acronym	Conference Type	Place
1929	CCIR - Ist Plenary Assembly (The Hague, 1929)		Plenary Assembly - CCIR	The Hague
1931	CCIR - IInd Plenary Assembly (Copenhagen, 1931)		Plenary Assembly - CCIR	Copenhagen
1934	CCIR - IIIrd Plenary Assembly (Lisbon, 1934)		Plenary Assembly - CCIR	Lisbon
1937	CCIR - IVth Plenary Assembly (Bucharest, 1937)		Plenary Assembly - CCIR	Bucharest
1948	CCIR - Vth Plenary Assembly (Stockholm, 1948)		Plenary Assembly - CCIR	Stockholm
1951	CCIR - VIth Plenary Assembly (Geneva, 1951)		Plenary Assembly - CCIR	Geneva
1953	CCIR - VIItH Plenary Assembly (London, 1953)			
1956	CCIR - VIIIth Plenary Assembly (Warsaw, 1956)			
1959	CCIR - IXth Plenary Assembly (Los Angeles, 1959)			
1963	CCIR - Xth Plenary Assembly (Geneva, 1963)		Plenary Assembly - CCIR	Geneva
1966	CCIR - XIth Plenary Assembly (Oslo, 1966)		Plenary Assembly - CCIR	Oslo
1970	CCIR - XIIth Plenary Assembly (New Delhi, 1970)		Plenary Assembly - CCIR	New Delhi
1974	CCIR - XIIIth Plenary Assembly (Geneva, 1974)		Plenary Assembly - CCIR	Geneva
1978	CCIR - XIVth Plenary Assembly (Kyoto, 1978)		Plenary Assembly - CCIR	Kyoto
1982	CCIR - XVth Plenary Assembly (Geneva, 1982)		Plenary Assembly - CCIR	Geneva
1986	CCIR - XVIth Plenary Assembly (Dubrovnik, 1986)		Plenary Assembly - CCIR	Dubrovnik
1990	CCIR - XVIIth Plenary Assembly (Düsseldorf, 1990)		Plenary Assembly - CCIR	Düsseldorf
1993	Radiocommunication Assembly (Geneva, 1993)	RA-93	Radiocommunication Assembly	Geneva
1995	Radiocommunication Assembly (Geneva, 1995)	RA-95	Radiocommunication Assembly	Geneva
1997	Radiocommunication Assembly (Geneva, 1997)	RA-97	Radiocommunication Assembly	Geneva
2000	Radiocommunication Assembly (Istanbul, 2000)	RA-2000	Radiocommunication Assembly	Istanbul
2003	Radiocommunication Assembly (Geneva, 2003)	RA-03	Radiocommunication Assembly	Geneva
2007	Radiocommunication Assembly (Geneva, 2007)	RA-07	Radiocommunication Assembly	Geneva
2012	Radiocommunication Assembly (Geneva, 2012)	RA-12	Radiocommunication Assembly	Geneva
2015	Radiocommunication Assembly (Geneva, 2015)	RA-15	Radiocommunication Assembly	Geneva

25 CCIR & Radiocommunication Assemblies will be added to the portal beginning of 2017










## Past and Present Directors - CCIR and BR

### CCIR – International Radio Consultative Committee (1927 - 1993)





The Director of the CCIR was elected by the CCIR Plenary Assembly initially for a six-year term and thereafter for three-year terms. From 1989, the Director was elected by the ITU Plenipotentiary Conference.

	<p>Dr. Balthazar <b>VAN DER POL</b> (Netherlands) 1 January 1949 – 31 December 1956</p>
	<p>Dr. Ernst <b>METZLER</b> (Switzerland) 1 January 1957 – 20 June 1963</p>
	<p>Mr. Leslie William <b>HAYES</b> (United Kingdom) Acting Director: 1 July 1963 – April 1964 Director ad interim: 17 April 1964 – 31 August 1966</p>
	<p>Mr. Jack W. <b>HERBSTREIT</b> (U.S.A.) 1 September 1966 – 31 August 1974</p>
	<p>Mr. Richard C. <b>KIRBY</b> (U.S.A.) 1 September 1974 – 31 December 1994</p>

## Past and Present Directors - CCIR and BR

### BR – Radiocommunications Bureau (1993 - )

The Director of the BR is elected by the ITU Plenipotentiary Conference for a four-year term and may be re-elected for one further term.

	<p>Mr. Richard C. <b>KIRBY</b> (U.S.A.) 1 March 1993 – 31 December 1994</p>
	<p>Mr. Robert W. <b>JONES</b> (Canada) 1 January 1995 – 31 December 2002</p>
	<p>Mr. Valery <b>TIMOFEEV</b> (Russia) 1 January 2003 – 31 December 2010</p>
	<p>Mr. François <b>RANCY</b> (France) 1 January 2011 –</p>

# International Frequency Registration Board (IFRB), 1947-1993

After World War II, it was clear that the International Telecommunication Union (ITU) needed to modernize its structure and working methods to respond to the dramatic growth of telecommunications and particularly the rapid progress in radiocommunication techniques. It was recognized that the increasing demand for use of the radio frequency spectrum needed to be coordinated, managed and mediated by an international, neutral body. The 1947 International Radio Conference (Atlantic City) therefore created the **International Frequency Registration Board (IFRB)** to act as an administrative body to regulate the use of frequencies.

The creation of the IFRB introduced an entirely new type of administrative body and new concept in the regulation of radio to the Union. The IFRB would create a master frequency list that would enable the notification and registration of frequency use to be tracked. In addition, the IFRB would notify member countries of new registrations giving them an opportunity to raise concerns and objections. The registration of a new frequency would be completed if it conformed with all provisions of the Regulations.

Initially, the Board consisted of eleven independent members elected on a regional basis by an Administrative Radio Conference. The members of the Board were to be thoroughly qualified by technical training in the field of radio and to possess practical experience in the assignment and utilization of frequencies. Moreover, for the more effective understanding of the problems coming before the Board, each member should be familiar with geographic, economic and demographic conditions within a particular area of the world. However, it was stressed that the members of the IFRB were to be considered as "custodians of an international public trust" and not as representatives of their respective Member States or regions. In 1965, the Montreux Plenipotentiary Conference decided to reduce the number of members of the Board to five as from 1 January 1967. At the 1973 Plenipotentiary Conference in Malaga-Torremolinos, it was decided that the members of the Board would be elected in future by a plenipotentiary conference.

## IFRB - HISTORY LINKS

- ▶ [List of International Frequency Registration Board \(IFRB\) Chairmen, 1947-1993](#)
- ▶ [List of International Frequency Registration Board \(IFRB\) Membership, 1947-1993](#)
- ▶  ["Activities of the International Frequency Registration Board", \*Telecommunication Journal\*, Vol. 40 \(No. 8\), 1973](#)



# Radio Regulations Board (RRB), 1994-present

The **Radio Regulations Board (RRB)** was created by ITU's 1992 Additional Plenipotentiary Conference in Geneva, which undertook a wide-ranging reform of ITU. It replaced the former [International Frequency Registration Board \(IFRB\)](#), established by the Atlantic City Plenipotentiary Conference in 1947. As part of the 1992 changes, the administrative duties undertaken by the previous IFRB secretariat were moved into the new Radiocommunication Bureau (BR), and the complex tasks of interpreting and monitoring compliance with the Radio Regulations were given to the new RRB.

The members of the RRB perform their duties on a part-time basis, meeting several times a year in Geneva. They retain the status originally established for IFRB members: they serve as "custodians of an international public trust" and not as representatives of their respective Member States or regions. They must be thoroughly qualified in the field of radiocommunications and possess practical experience in the assignment and utilization of frequencies.

The duties and working methods of the RRB are defined in various parts of the ITU Constitution, Convention and Radio Regulations, and in Part C of the Rules of Procedure. The duties include:

- approving Rules of Procedure, used by the Radiocommunication Bureau in applying the provisions of the Radio Regulations and registering frequency assignments made by Member States;
- addressing matters referred by the Bureau which cannot be resolved through application of the Radio Regulations and Rules of Procedure;
- considering reports of unresolved interference investigations carried out by the Bureau at the request of one or more administrations and formulates Recommendations;
- providing advice to Radiocommunication Conferences and the Radiocommunication Assemblies;
- considering appeals against decisions made by the Radiocommunication Bureau regarding frequency assignments;
- performing any additional duties prescribed by a competent conference or by the Council.

## RRB - HISTORY LINKS

- ▶ [List of Radio Regulations Board \(RRB\) Chairmen, 1994-present](#)
- ▶ [List of Radio Regulations Board \(RRB\) Membership, 1994-present](#)





# 100 Years of ITU Radio Regulations, 1906-2006



In 2006, ITU's Radiocommunication Sector (ITU-R) celebrated the 100th anniversary of the ITU Radio Regulations. In 1906, the first International Radiotelegraph Convention was signed in Berlin, establishing the principle of compulsory intercommunication between vessels at sea and the land. The annex to this Convention contained the world's first set of service regulations on the use of radio. These regulations, which have since been expanded and revised by numerous radio conferences, are now known as the Radio Regulations.

## ***Anniversary celebration***

On 30 October 2006, ITU-R commemorated the centenary of the Radio Regulations with a ceremony held during the opening of the biennial Radiocommunication Seminar. Honorary guests included representatives of the original 27 Member State that signed the 1906 Convention. Retired officials and staff of the Radiocommunication Bureau, former CCIR and former IFRB were also invited in recognition of their contribution to the 100-year history of the Radio Regulations. Keynote addresses were given by then ITU Vice Secretary-General, Mr. Roberto Blois, and then Director of the Radiocommunication Bureau, Mr. Valery Timofeev, followed by presentations by industry executives that looked forward to the next 100 years.

## **COMMEMORATIVE CEREMONY**

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- Programme
- Webcast, 30 October 2006

## **DOCUMENTATION**

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- *ITU News* magazine - Commemorative Edition (No. 3, April 2006)
- Industry's look forward to the next 100 years of Radio Regulations
  - Rohde & Schwarz
  - Nortel
  - European Radiocommunications Office (ERO)
- Archived snapshot of the 100th anniversary website (Source: Internet Archive, archived 6 December 2006)



# Administrative Regulations Collection

Radio Regulations

Telegraph Regulations

Telephone Regulations

International Telecommunication Regulations

Year	Title	Publication Type
1906	Service Regulations (Radiotelegraph), edition of 1906	base edition
1912	Service Regulations (Radiotelegraph), edition of 1912	base edition
1927	General Regulations + Additional Regulations (Radiotelegraph), edition of 1927	base edition
1932	General Radiocommunication Regulations + Additional Radiocommunication Regulations, edition of 1932	base edition

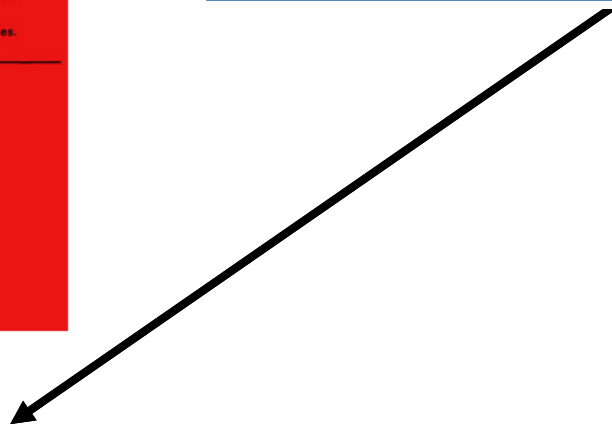


2001	Radio Regulations, edition of 2001	base edition
2004	Radio Regulations, edition of 2004	base edition
2008	Radio Regulations, edition of 2008	base edition
2012	Radio Regulations, edition of 2012	base edition

# Radio Regulations + Additional Radio Regulations, edition of 1976



Edition 1976 with its different updates



Base Edition Update Pages Related Conferences Complete list of Radio Regulations

Radio Regulations, edition of 1976 (Volume 1)

(English)

 [PDF \(acrobat\)](#)

Radio Regulations, edition of 1976 (Volume 2)

(English)

 [PDF \(acrobat\)](#)

Règlements des radiocommunications, édition de 1976 (Volume 1)

(Français)

 [PDF \(acrobat\)](#)

Règlements des radiocommunications, édition de 1976 (Volume 2)

(Français)

 [PDF \(acrobat\)](#)

Reglamentos de Radiocomunicaciones, edición de 1976 (Volume 1)

(Español)

 [PDF \(acrobat\)](#)

Reglamentos de Radiocomunicaciones, edición de 1976 (Volume 2)


(Español)

 [PDF \(acrobat\)](#)






### 1978 - Update Pages (Appendix 25 Mar2)




Pages to be inserted into appendix 25 Mar2 to the Radio Regulations (edition of 1976)	(English)	 <a href="#">PDF (acrobat)</a>
Pages (1978) destinées à être insérées dans l'appendice 25 Mar2 au Règlement des radiocommunications (édition de 1976)	(Français)	 <a href="#">PDF (acrobat)</a>
Páginas (1978) que se inserta en el apéndice 25 Radiocomunicaciones (edición de 1976)		 <a href="#">PDF (acrobat)</a>

Edition 1976 with its different updates




### 1979 - Update Pages (Appendix 25 Mar2)

Pages (1979) to be inserted into appendix 25 Mar2 to the Radio Regulations (edition of 1976)	(English)	 <a href="#">PDF (acrobat)</a>
Pages (1979) pour être inséré dans l'annexe 25 Mar2 au Règlement des radiocommunications (édition de 1976)	(Français)	 <a href="#">PDF (acrobat)</a>
Páginas (1979) que se inserta en el apéndice 25 Mar2 al Reglamento de Radiocomunicaciones (edición de 1976)	(Español)	 <a href="#">PDF (acrobat)</a>

### 1979 - Update Pages

Replacement pages (1979) for updating the 1976 edition of the Radio Regulations	(English)	 <a href="#">PDF (acrobat)</a>
Pages de remplacement (1979) pour mettre à jour l'édition 1976 du Règlement des radiocommunications	(Français)	 <a href="#">PDF (acrobat)</a>
Páginas de reemplazo (1979) para la actualización de la edición de 1976 del Reglamento de Radiocomunicaciones	(Español)	 <a href="#">PDF (acrobat)</a>

### 1981 - Update Pages

Replacement pages (1981) for updating the Radio Regulations (edition of 1976)	(English)	 <a href="#">PDF (acrobat)</a>
Pages de remplacement (1981) pour la mise à jour du Règlement des radiocommunications (édition de 1976)	(Français)	 <a href="#">PDF (acrobat)</a>
Páginas de sustitución (1981) para la actualización del Reglamento de Radiocomunicaciones (edición de 1976)	(Español)	 <a href="#">PDF (acrobat)</a>

**Radio Regulations + Additional Radio Regulations, edition of 1976**

1971 World Administrative Radio Conference for Space Telecommunications (Geneva, 1971) Geneva

1974 World Maritime Administrative Radio Conference (Geneva, 1974) Geneva

**Update Pages (1978) to Appendix 25 Mar2 to the Radio Regulations, edition of 1976**

1974 World Maritime Administrative Radio Conference (Geneva, 1974) Geneva

**Update Pages (1979) to the Radio Regulations, edition of 1976**

1974 World Maritime Administrative Radio Conference (Geneva, 1974) Geneva

1977 World Administrative Radio Conference for the Planning of the Broadcasting-Satellite Service in Frequency Bands 11.7-12.2 GHz (Regions 2 and 3) and 11.7-12.5 GHz (Region 1) (Geneva, 1977) Geneva

1978 World Administrative Radio Conference on the Aeronautical Mobile (R) Service (Geneva, 1978) Geneva

**Update Pages (1979) to Appendix 25 Mar2 to the Radio Regulations, edition of 1976**

1974 World Maritime Administrative Radio Conference (Geneva, 1974) Geneva

1978 World Administrative Radio Conference on the Aeronautical Mobile (R) Service (Geneva, 1978) Geneva

**Update Pages (1981) to the Radio Regulations, edition of 1976**

1979 World Administrative Radio Conference (Geneva, 1979) Geneva

# Historical Statistics 1849-1967

2

## Statistique radiotélégraphique

OBJETS DE LA STATISTIQUE	Allemagne		Amérique (Etats-Unis)		Argentine (République)		Australie (Fédération)		Autriche		Belgique	
	Nombre des stations côtières	de bord	Nombre des stations côtières	de bord	Nombre des stations côtières	de bord	Nombre des stations côtières	de bord	Nombre des stations côtières	de bord	Nombre des stations côtières	de bord
<b>I. Stations.</b>												
Stations ouvertes :												
a. à la correspondance publique générale . . . . .	9	59					—	—	—	—	1	—
b. à la correspondance publique restreinte . . . . .	8	—					—	—	—	—	—	10
c. à la correspondance publique de longue portée . . . . .	—	—					—	—	—	—	—	—
d. à la correspondance spéciale . . . . .	—	99					—	—	1	17	—	—
e. à la correspondance d'intérêt privé . . . . .	—	—					—	—	—	—	—	—
f. à la correspondance particulière . . . . .	—	1					4 <sup>1)</sup>	—	—	—	—	—
g. exclusivement à la réception et à la transmission de signaux de détresse . . . . .	—	—					—	—	—	—	—	—
<b>Totaux</b>	<b>17</b>	<b>159</b>					<b>4</b>	<b>—</b>	<b>1</b>	<b>17</b>	<b>1</b>	<b>10</b>
<b>Total des stations côtières et de bord</b>	<b>176<sup>1)</sup></b>						<b>4</b>	<b>—</b>	<b>18<sup>1)</sup></b>	<b>—</b>	<b>11<sup>1)</sup></b>	<b>—</b>
<b>II. Appareils.</b>												
Appareils récepteurs en service												
Morse . . . . .	13											
téléphones . . . . .	175											
autres . . . . .	—											
<b>Total</b>	<b>188</b>											
<b>III. Personnel.</b>												
a. Personnel de l'Administration centrale . . . . .	— <sup>2)</sup>											
b. Personnel d'exploitation :												
Fonctionnaires supérieurs . . . . .	— <sup>2)</sup>											
Employés des stations { côtières . . . . .	— <sup>2)</sup>											
{ de bord . . . . .	— <sup>2)</sup>											
c. Personnel subalterne . . . . .	— <sup>2)</sup>											
<b>Total</b>	<b>—</b>											

STATISTIQUE GÉNÉRALE  
DE LA  
RADIOTÉLÉGRAPHIE  
DRESSÉE  
D'APRÈS DES DOCUMENTS OFFICIELS  
PAR LE  
BUREAU INTERNATIONAL DE L'UNION TÉLÉGRAPHIQUE






The ITU Historical Statistics (1849-1967) collection provides access to the three series of statistical reports that the Union published between 1871 and 1968:

- telegraph [and telex] statistics (1849-1967),
- telephone statistics (1885-1967),
- radio statistics (1908-1967).

These sets of statistics provide an interesting perspective on the use and development of communication networks and technology in the late 19th and early 20th centuries.



# Tables of Satellites Launched































Period covered	Title	EN	FR	ES
1957-1970	Table of Artificial Satellites Launched	EN 	FR 	ES 
1957-1976	Table of Artificial Satellites Launched	EN 	FR 	ES 
1967	Table of Artificial Satellites Launched			
1968	Table of Artificial Satellites Launched			
1969	Table of Artificial Satellites Launched			
1971	Table of Artificial Satellites Launched			
1972	Table of Artificial Satellites Launched			
1973	Table of Artificial Satellites Launched			

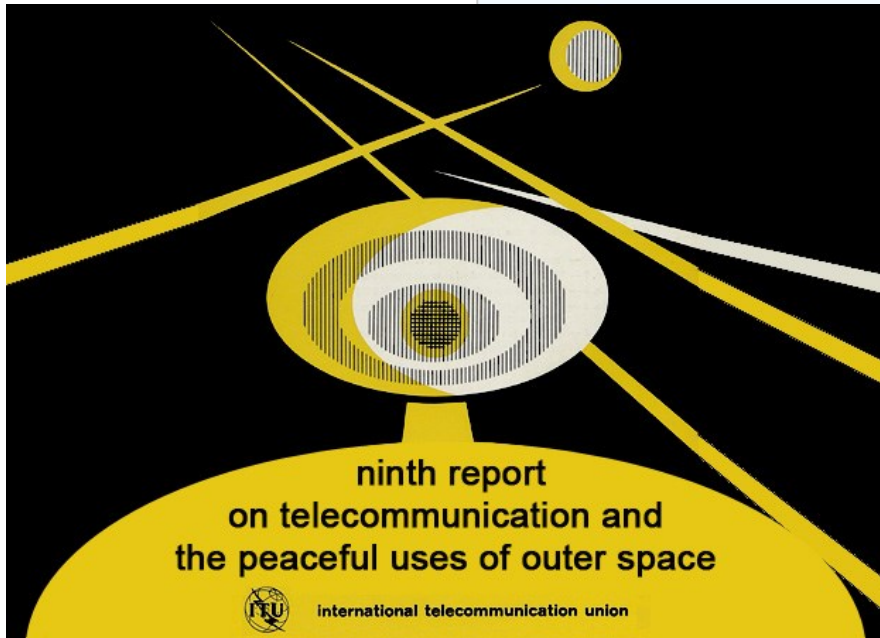


**table of artificial satellites launched  
between 1 january and 31 december  
1969**



# Reports on Telecommunication and the Peaceful Uses of Outer Space

Year	Title	EN	FR	ES
1962	1st Report by the International Telecommunication Union on Telecommunication and the Peaceful Uses of Outer Space	<a href="#">EN</a> 	<a href="#">FR</a> 	<a href="#">ES</a> 
1963	2nd Report by the International Telecommunication Union on Telecommunication and the Peaceful Uses of Outer Space	<a href="#">EN</a> 	<a href="#">FR</a> 	<a href="#">ES</a> 
1964	3rd Report by the International Telecommunication Union on Telecommunication and the Peaceful Uses of Outer Space	<a href="#">EN</a> 	<a href="#">FR</a> 	<a href="#">ES</a> 
	4th Report by the International Telecommunication Union on Telecommunication and the Peaceful Uses of Outer Space	<a href="#">EN</a> 	<a href="#">FR</a> 	<a href="#">ES</a> 
	5th Report by the International Telecommunication Union on Telecommunication and the Peaceful Uses of Outer Space	<a href="#">EN</a> 	<a href="#">FR</a> 	<a href="#">ES</a> 
	6th Report by the International Telecommunication Union on Telecommunication and the Peaceful Uses of Outer Space	<a href="#">EN</a> 	<a href="#">FR</a> 	<a href="#">ES</a> 
	7th Report by the International Telecommunication Union on Telecommunication and the Peaceful Uses of Outer Space	<a href="#">EN</a> 	<a href="#">FR</a> 	<a href="#">ES</a> 
	8th Report by the International Telecommunication Union on Telecommunication and the Peaceful Uses of Outer Space	<a href="#">EN</a> 	<a href="#">FR</a> 	<a href="#">ES</a> 
1970	9th Report by the International Telecommunication Union on Telecommunication and the Peaceful Uses of Outer Space	<a href="#">EN</a> 	<a href="#">FR</a> 	<a href="#">ES</a> 
1971	10th Report by the International Telecommunication Union on Telecommunication and the Peaceful Uses of Outer Space	<a href="#">EN</a> 	<a href="#">FR</a> 	<a href="#">ES</a> 



# Further Reading

The **Further Reading** section brings together a selection of materials that provide a historical perspective on the evolution of ITU and its areas of work. These resources discuss and document how the Union has grown and changed since its creation, as well as explore the ways that developments in information and communication technologies have impacted the work that ITU does.

## LEARN MORE

Visit the [Information Booklets](#) digital collection to find out more about ITU's activities and areas of work.

[Complete List](#)[ITU History](#)[Telegraph and Telephone](#)[Radio](#)[Development](#)[TELECOM](#)

Year	Citation	Format	EN	FR	ES
1973	"IFRB: Activities of the International Frequency Registration Board." <i>Telecommunication Journal</i> 40, no.8 (1973): 402-407.	Article	<a href="#">EN</a> 		
1978	"CCIR Honours Contributions at 50th Anniversary Celebrations." <i>Telecommunication Journal</i> 45, no. 12 (1978): 629-631.	Article	<a href="#">EN</a> 		
1979	Kirby, Richard C., Miya, Kenichi, and Mao, Y.Y. <i>CCIR 50th Anniversary: 1929-1979</i> . Geneva: ITU, 1979.	Booklet	<a href="#">EN</a> 	<a href="#">FR</a> 	<a href="#">ES</a> 
2006	Timofeev, Valery. "From Radiotelegraphy to Worldwide Wireless: How ITU Processes and Regulations Have Helped Shape the Modern World of Radiocommunications." <i>ITU News</i> , no. 3 (2006): 5-9.	Article	<a href="#">EN</a> 		
2006	Jones, Robert. "The Global Framework for Radiocommunications." <i>ITU News</i> , no. 3 (2006): 29-31.	Article	<a href="#">EN</a> 		
2006	"Centenary of the International Radio Regulations." Commemorative edition, <i>ITU News</i> , no. 3 (2006).	Journal Issue	<a href="#">EN</a> 		

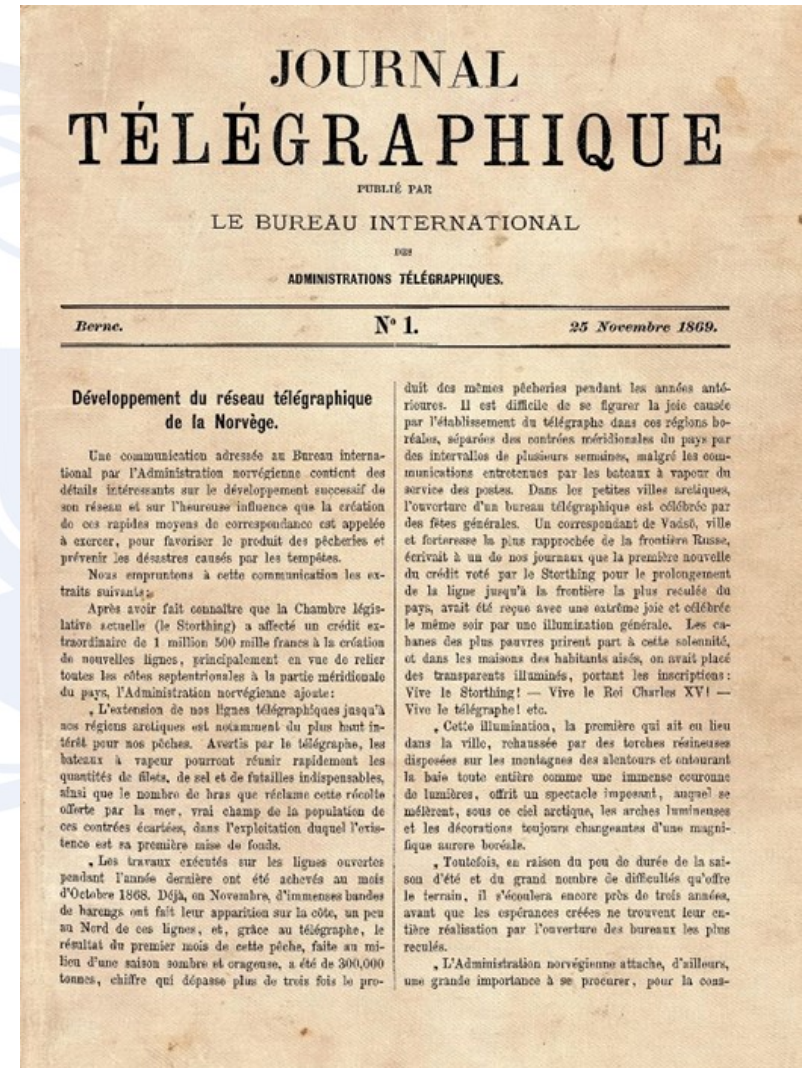


# Our latest statistics

- December 2009
- Number of scanned pages : more than 15,500 pages
- Number of conferences: 33 conferences
- Number of online documents : 235 PDF
- December 2016
- Number of scanned pages : **almost 1 million pages**
- Number of conferences: 109 conferences
- Number of online documents : 3600 PDF

# New content available early 2017 !

- Radio Assembly Proceedings
  - 1929 – 2015 = 25 radio assemblies
- ITU Journal 1869-2015





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- Send your reference request to [library@itu.int](mailto:library@itu.int)
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**Thank you**

