

International Telecommunication Union



**REGIONAL
RADIOCOMMUNICATION
SEMINAR FOR AFRICA 2013**

**YAOUNDE, CAMEROON
16-20 SEPTEMBER 2013**

www.itu.int/go/ITU-R/seminars

Organised by:



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ITU and ITU-R in a Glance

The ITU in Brief

- 17 May 1865, the first International Telegraph Convention was signed in Paris and the International Telegraph Union (ITU) was established to manage the Convention
- 1932, ITU became International Telecommunication Union
- 1947, UN specialized agency for information and communication technologies
- 193 Member states and over 700 Sector Members and Associates
- Geneva as headquarter and twelve regional and area offices
- Three main areas of activity organized in Sectors: Radiocommunication (ITU-R), Telecommunication Standardization (ITU-T) and Telecommunication Development (ITU-D)
- Based on the principle of international cooperation between governments (Member States) and the private sector (Sector Members, Associates and Academia)



ITU-R

Mission:

- Ensure the rational, equitable, efficient and economical use of the radio-frequency spectrum by all radiocommunication services
- Carry out studies and approve Recommendations on radiocommunication matters

The ITU-R sector includes:

- World radiocommunication conferences (WRC)
- Radio Regulations Board (RRB)
- Radiocommunication Assemblies (RA)
- Study Groups
- Radiocommunication Advisory Group (RAG)
- the Radiocommunication Bureau (BR)

See <http://www.itu.int/en/ITU-R>

WRC

- Every three to four years
- Updates the Radio Regulations (reviews the Table of Frequency Allocations and Coordination, notification and recording of frequency assignments procedures, etc.)
- Addresses any radiocommunication matter of worldwide character
- Agenda defined by the ITU Council on the basis of recommendations made by previous WRC
- Last WRC in 2012 and next in 2015

Radio Regulations (RR)

- The international treaty governing the use of the radio-frequency spectrum and the satellite orbits
- The RR is published in four volumes:
 - Volume 1 – Articles
 - Volume 2 – Appendices
 - Volume 3 – Resolutions and Recommendations
 - Volume 4 – ITU-R Recommendations incorporated by reference
- Mandatory or voluntary regulatory procedures (coordination, plan modification, notification, recording)
- Online versions in all 6 languages are free of charge

RRB

- Twelve members elected at the Plenipotentiary Conference
- Approves Rules of Procedure used by the BR in applying the provisions of the Radio Regulations
- Considers reports of unresolved interference investigations carried out by the Bureau at the request of one or more administrations and formulates Recommendations
- Provides advice to Radiocommunication Conferences and the Radiocommunication Assemblies
- Considers appeals against decisions made by the BR regarding frequency assignments

RA

- Responsible for the structure, programme and approval of radiocommunication studies
- Approves ITU-R Recommendations and Reports and issues questions, etc.
- Every three or four years and generally associated in time and place with WRC
- Last RA held in Geneva, 16 January-20 January 2012

ITU-R Study Groups

- SG 1 - Spectrum management
- SG 3 - Radiowave propagation
- SG 4 - Satellite services
- SG 5 - Terrestrial services
- SG 6 - Broadcasting service
- SG 7 - Science services
- Coordination Committee for Vocabulary (CCV)
- Conference Preparatory Meeting (CPM)
- Special Committee on Regulatory/Procedural Matters (SC)

RAG

- Reviews the priorities and strategies adopted in the Sector
- Provides guidance for the work of the ITU-R Study Groups
- Recommend measures to foster cooperation and coordination with other organizations and with the other ITU Sectors
- Provides advice on these matters to the Director of the BR
- Last meeting was in May 2013

BR

- Supports the work of the ITU-R Sector
- Implements decisions of World/Regional Radiocommunication Conferences
- Provides assistance to administrations in the domain of international management of the Radio-frequency spectrum
- Processes notifications of frequency assignments/allotments
- Maintains the Master Register and Plans and publishes their updates in a regular basis (BR IFIC)
- Etc.



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What would you like to search for?

- ITU
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 - Radiocommunication**
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 - ITU Telecom
 - Membership**
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ITU Radiocommunication Sector

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About ITU-R

The Radiocommunication Sector (ITU-R) plays a vital role in the global management of the radio-frequency spectrum and satellite orbits that ensure safety of life on land, at sea and in the skies... [More](#)



- Elements**
- Highlights

- World Radiocommunication Conferences (WRC)
- Radiocommunication Assemblies (RA)
- Radio Regulations Board (RRB)
- Study Groups (SGs)
- Radiocommunication Advisory Group (RAG)

- Meetings**
- Conferences
- Seminars/Workshops

- WP 5A - Confirmed**
2013-05-20 - 2013-05-30 GENEVA, SWITZERLAND
- WP 5B - Confirmed**
2013-05-20 - 2013-05-31 GENEVA, SWITZERLAND
- WP 5C - Confirmed**
2013-05-20 - 2013-05-29 GENEVA, SWITZERLAND
- RAG ITU-R Plans - Confirmed**
2013-05-21 - 2013-05-21 GENEVA, SWITZERLAND
- RAG - Confirmed**
2013-05-22 - 2013-05-24 GENEVA, SWITZERLAND

SPACE SERVICES



- BRIFIC
- SNL
- SNS
- Space Plans

TERRESTRIAL SERVICES



- BRIFIC
- GLAD
- MARS
- WISFAT

Join ITU-R

- ITU-R represents a focal point for standardization of radiocommunication services and systems
- ITU-R Study Groups are the “home” for the technical studies required for the standardization activities
- Principal products:
 - Recommendations, Reports and Handbooks
 - Technical bases for Radiocommunication Conferences)
- See <http://www.itu.int/en/membership/Pages/sector-membersold.aspx>

Thank you for your attention!

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