



Radiocommunication Bureau (BR)

Geneva, 7 June 2021

Our Ref.: 02(DIR/SGD)O-2021-002332

Contact: Joaquin Restrepo, SGD
Telephone: +41 22 730 5733
Telefax: +41 22 730 5785
E-mail: joaquin.restrepo@itu.int

AFS, AGL, BOT, ERI, ETH, GHA, GMB, KEN,
LBR, LSO, MAU, MOZ, MWI, NIG, NMB,
RRW, SEY, SRL, SSD, SWZ, TZA, UGA,
ZMB, ZWE

Subject: **ITU Regional Radiocommunication Seminar 2021 for Africa (RRS-21-Africa)
Online Seminar, 5-16 July 2021**

Dear Madam, Sir,

I am pleased to inform you that the [International Telecommunication Union](#) (ITU) is organizing the Regional Radiocommunication Seminar 2021 for Africa (RRS-21-Africa), in collaboration with the [African Telecommunications Union](#) (ATU).

The RRS-21-Africa will be held online over the period 5-16 July 2021 (see the Annex: Draft programme) with 3-hour daily sessions (weekdays only). The seminar's content will be organized as follows:

- A pre-seminar web tutorial will be available on the Seminar's website. This tutorial will provide the basic concepts of spectrum management at national and international levels, their links with ITU [Radio Regulations](#) (RR), ITU and [ITU-R](#) structures and functions, including the study groups and BR departments, and ITU basic texts, with emphasis on the RR and their associated Rules of Procedure (RoP). A good understanding of the pre-seminar web tutorial concepts is required in order to be able to participate actively in the Seminar.
- The first part of the Seminar will cover concepts related to international spectrum management and the procedures for recording of frequency assignments in the [Master International Frequency Register](#) (MIFR). This will be followed by a review of the modifications to the RR, associated [World Radiocommunication Conference](#) (WRC) Resolutions and ITU-R Resolutions decided by the last WRC (WRC-19) and [Radiocommunication Assembly](#) (RA-19), as well as a review of the agenda of the upcoming WRC-23. These two days will also cover the current regulatory framework for international frequency management and the ITU-R Recommendations and best practices regarding the use of spectrum for both terrestrial and space services. This will include basic training on ICT tools developed by ITU for frequency notifications for those services and for the technical examinations. In addition, information on BR and BDT spectrum management activities will be provided.
- During the following part, tutorials will be carried out on the use of these tools for terrestrial stations and space stations. These tutorials will enable the participants to get experience with ITU notification procedures as well as with the software and electronic publications made available by the Radiocommunication Bureau to the Administrations of Member States and to the ITU-R Sector Members.
- RRS-21-Africa will conclude with a forum on: "Trends: Opportunities and challenges for the Region". This session's topics are indicated on the annexed programme.

Website

All the relevant information regarding the event including the agenda, registration and practical information will be available on the Seminar's webpage: www.itu.int/go/ITU-R/RRS-21-Africa. As this information may be updated or complemented without notice, it is recommended that you visit the webpage regularly.

Languages

The lectures and discussions during RRS-21-Africa will be in English and French, with simultaneous interpretation (please note that some material such as presentations and software tools will be in English only).

Format

The Seminar will follow an online format, with daily sessions from 1000 to 1315 (UTC +2H); an e-mail with all instructions about the platform to be used and how to access it will be sent before the event.

The Seminar's documentation will be available on the website. Given the amount of practical work expected during the workshops, participants are required to install the necessary tools on their laptops in advance; laptops should be able to perform the set of minimal specifications detailed on the Seminar's website.

Registration

ITU Member States and Academia as well as ITU-R Sector Members and Associates are invited to attend the RRS-21-Africa. Attendance is free-of-charge for their representatives. Advance registration of all participants is required. Registration will be carried out exclusively online and will require the approval of the corresponding Designated Focal Point (DFP) for ITU-R event registration. Participants will find the necessary information on registration at: www.itu.int/en/ITU-R/information/events.

Yours faithfully,

Mario Maniewicz
Director

Annex: Draft programme

Copy:

- John OMO, Secretary-General, African Telecommunication Union (ATU), sg@atu-uat.org
- Doreen BOGDAN-MARTIN, Director, Telecommunication Development Bureau, ITU, doreen.bogdan@itu.int
- Andrew RUGEGE, Director, Regional office for Africa, ITU, andrew.rugege@itu.int

Annex

Draft programme – RRS-21-Africa
Online Seminar, 5-16 July 2021

Timeline (UTC +2H)	Presentations				Tutorials
	Monday, 05/07	Tuesday, 06/07	Wednesday, 07/07	Thursday, 08/07	Friday, 09/07
1000 - 1130	Opening speeches: ITU; ATU	Radio Regulations (RR) Main concepts Table of Frequency Allocations (RR Art. 5) RR and National SM	Terrestrial Services Regulatory framework Notification procedures	Space Services Regulatory framework Notification procedures	Terrestrial Services
	ITU structure ITU-R at a glance WRC and CPM, RA, RAG, RRB, SGs				
1130 - 1145	Coffee break				
1145 - 1315	ITU-R Study Groups SGs and WPs ITU-D activities on SM in Africa ATU activities on SM in Africa	World Radio Conference (WRC) WRCs cycles WRC-23 preparation process WRC-19 main outcomes WRC-23 Agenda	Terrestrial Services Publications tools Software tools & databases	Space Services Publications tools Software tools & databases	Terrestrial Services
Timeline (UTC +2H)	Tutorials	Forum: "Trends: Opportunities and challenges for the Region"			
	Monday, 12/07	Tuesday, 13/07	Wednesday, 14/07	Thursday, 15/07	Friday, 16/07
1000 - 1130	Space Services	Opening: ITU, ATU	Audio broadcasting - GE84 Optimisation - Newest trends	5G deployment challenges in Africa: - Spectrum bands - Regional harmonization - Experiences in Africa and other regions	Satellite systems: - Broadband satellite (GSO and N-GSO) - ESIM - Small satellites
		NTFA: - RR Art. 5 Analyzer Tool and NTFA			
1130 - 1145	Coffee break				
1145 - 1315	Space Services	Modern spectrum monitoring	Emergency communications: - National Plan Frameworks - Harmonising Band Plans	Other terrestrial broadband systems - Fixed - HAPS/HIBS - RLAN	Round table: WRC-23 Agenda challenges: Regional scope
			Closing: ITU, ATU		