



**ITUWRC**

DUBAI2023

20 November - 15 December 2023  
Dubai, United Arab Emirates

## Radiocommunication Bureau (BR)

Circular Letter  
4/LCCE/136

25 April 2023

**To Administrations of Member States of the ITU, Radiocommunication Sector Members,  
ITU-R Associates participating in the work of Radiocommunication Study Group 4 and  
ITU Academia**

Subject: **Workshop "ITU in Service of Space"**

### 1 Introduction

By means of this Circular Letter, I wish to announce that ITU-R Study Group 4 will organize a Workshop **"ITU in Service of Space"** during the June/July 2023 block meetings of ITU-R Working Parties 4A, 4B and 4C, on Wednesday, 28 June 2023 at 0900 hours, in Geneva, Switzerland.

It will be of interest to representatives from both the public and private sectors, and in particular investors, satellite system developers, satellite operators, as well as spectrum policy makers from national regulators and international organizations.

In recent years, the satellite industry has been developing at a very fast pace, evidenced by the large-scale implementation of non-GSO systems, the creation of a new-generation of high-capacity GSO satellites, the development of the satellite component of the IMT-2020 ecosystem, usage of satellites in cellular networks, new satellite services, etc... Member States are increasingly raising the issue of sustainability, equitable access and rational use of GSO and non-GSO orbit/spectrum resources. Resolution 219 (Bucharest, 2022) of the Plenipotentiary Conference reflects these concerns.

Currently there is already a visible trend where satellite technologies are significantly ahead of the development of regulations on the use of the radio-frequency spectrum and satellite orbits. Under these conditions, ITU faces challenges to find new approaches to improve international regulation on the use of the radio-frequency spectrum and satellite orbits.

The purpose of this Workshop is to identify the needs of the satellite industry in developing ITU rules/procedures for regulating the use of the frequency spectrum/satellite orbits, to ensure the development and implementation of new satellite technologies while guaranteeing the equitable access and rational use of GSO and non-GSO orbit/spectrum resources. It will be an opportunity to exchange national experience in regulating the use of the frequency spectrum/satellite orbits and to identify the needs of Administrations in developing recommendations for licensing global satellite systems at the national level. In addition, information on the existing difficulties in the processing of frequency assignment filings for multi-satellite systems should be taken into account with the objective of identifying ways to improve the procedures of the Radiocommunication Bureau.

Following the outcomes of the Workshop, proposals and recommendations are expected to be prepared on the ITU-R Study Group 4 work strategy for the next study period 2023 - 2027, in order to consider possible organizational options for improving the international regulatory mechanism on the use of the radio frequency spectrum and satellite orbits.

## **2 Programme**

The draft agenda for the Workshop is contained in Annex 1.

Further information on the Workshop will be provided in due course on the webpage dedicated to the event: [Workshop ITU in Service of Space](#).

Mario Maniewicz  
Director

**Annex: 1**

## **Annex 1**

### **Draft agenda for the Workshop "ITU in Service of Space"**

(Geneva, 28 June 2023)

*Opening of the workshop*

*Address by the Director of the Radiocommunication Bureau*

#### **1. Voice of the satellite industry on the improvement of international rules and regulations for the use of the radio frequency spectrum and satellite orbits**

The purpose of the session is to identify the requirements and expectations of the satellite industry from ITU, what international rules are required to protect investments in the industry, to ensure the innovation and development of new technologies and to reduce the gap between the rapid development of satellite technologies and the existing regulatory framework for regulating the use of the spectrum and satellite orbits.

*1.1...1.X Presentations by GSO and non-GSO Operators*

#### **2. National experience in regulating the use of the radio-frequency spectrum and satellite orbits and requests from administrations for recommendations on licensing the use of global services of satellite operators**

The purpose of the session is to share experience in regulating the use of radio frequency spectrum and satellite orbits at the national level and to identify the needs of national administrations in recommendations for licensing the use of global services of satellite operators.

*2.1...2.X Presentations by national radio spectrum regulators*

#### **3. Activities of the Radiocommunication Bureau to comply with the provisions of the Radio Regulations when notifying frequency assignments to satellite networks/systems**

The purpose of the session is to provide information on the total scope of work on the processing of filings for frequency assignments to satellite networks/systems, to identify difficulties and new trends in the work, as well as to identify the needs of the BR, which will ensure the efficiency of the filings examination process for satellite networks/systems.

*3.1...3.X Presentations by the BR Representatives*

#### **4. Consideration of proposals for the development of rules and regulations for the use of radio frequency spectrum and satellite orbits that meet the requirements of the satellite industry**

The purpose of the session is to discuss proposals and recommendations on the work strategy of ITU-R Study Group 4 for the next study period 2023 - 2027, in order to consider possible organizational options (for example, the creation of a group of voluntary experts, holding an extraordinary WRC in the future on satellite issues) for improving the international regulatory mechanism on the use of radio frequency spectrum and satellite orbits, as well as developing recommendations on strengthening the role of ITU in regulating the use of radio frequency spectrum and satellite orbits.

*4.1...4.X Presentations by the lead experts of ITU-R*

*Summary of the results of the workshop (SG 4 Chair). Acceptance of the conclusions and recommendations of the workshop.*

*Closing Remarks*

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