

# Brazilian Organization WRC-27



BRAZILIAN COMMUNICATIONS  
COMMISSION 2  
RADIOCOMUNICATIONS

# CBC2

The logo of the Caribbean Telecommunications Union (CTU) features a globe with a signal tower and radiating lines, positioned above the text 'Caribbean Telecommunications Union'.

**Meeting of the Spectrum  
Management Task Force**

Date: 16<sup>th</sup> May 2024

Venue: Half Moon Hotel, Montego Bay,  
Jamaica





CONSELHO

UIT-R

R  
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G

SG 5

SG 4 e 7

SG 1 e 3

SG 6



COMCITEL



CCP. II



CT  
Radiocomunicação

CT  
Radiodifusão

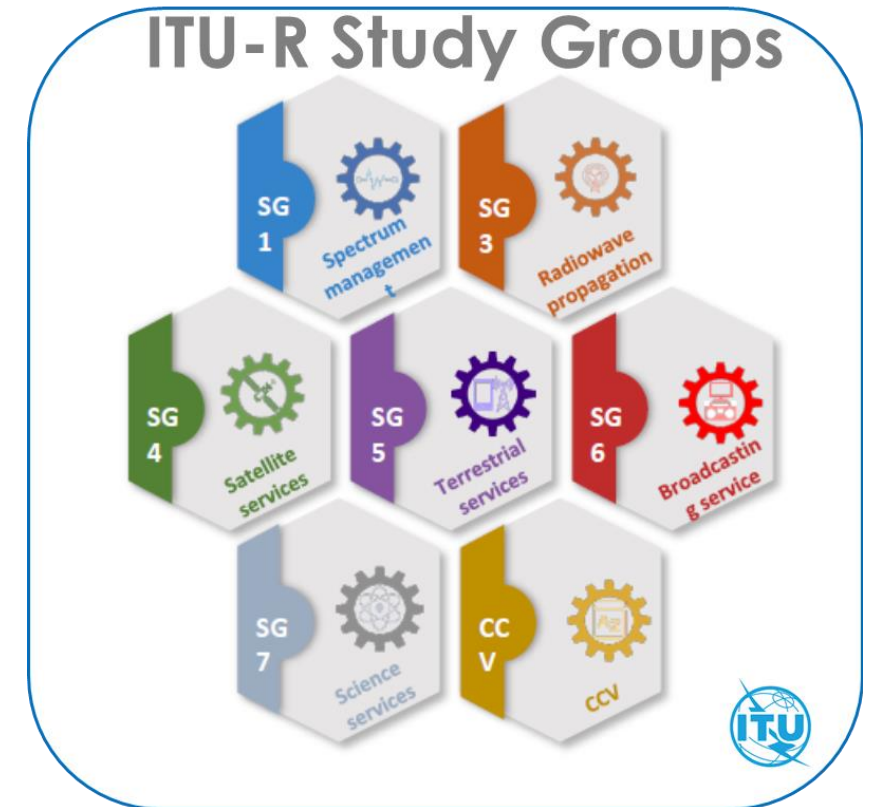
CT  
Assuntos Postais



**CBC 2**

# Brazilian Radiocommunications Study Groups

- ▶ **GRR 1 - Strategic Issues and Preparation for the WRC**
- ▶ GRR 2 - Spectrum Management and Propagation
- ▶ GRR 3 - Scientific and Maritime and Aeronautical Mobile Services
- ▶ GRR 4A - Satellite Technical FSS and BSS
- ▶ GRR 4B - Satellite Regulatory and Space Sustainability
- ▶ GRR 4C - Satellite Technical MSS and RDSS
- ▶ GRR 5 - Terrestrial Services
- ▶ GRR 6 - Broadcasting Services



# BRAZILIAN STRATEGIC ISSUES

## WRC-27

- **1.2 - Smaller Antenna Sizes:** Revisions of Sharing Conditions in Ku Band (13,75-14,25 GHz)
- **1.3 - NGSO Gateway Q/V Band:** 51.4-52.4 GHz for gateway Earth Stations transmitting to NGSO/FSS
- **1.5 - Unauthorized Emissions:** Regulatory Measures for NGSO Earth Stations
- **1.7 - IMT 4400-4800 MHz, 7125-8400 MHz, 14.8-15.35 GHz**
- **1.12 - Low-Data-Rate NGSO MSS**
- **1.13 - D2D:** Direct Connectivity between Space Stations (MSS) and IMT User Equipment
- **1.16 - RQZ:** Protection of Radio Astronomy in Radio Quiet Zones from NGSO Interference
- **1.17 - Space Weather Sensors:** Spectrum Needs and Protection Criteria for SWS
- **1.19 – Climate System:** Primary EESS(p) for sea surface temperature (SST) measurements (4/8 GHz)

## WRC-23 MINUTES OF THE 11TH PLENARY MEETING (DOC. 526)

- **Implementation of RA-23 Resolution ITU-R 74 – Space Sustainability**  
Best Practices HANDBOOK, New Recommendation for deorbit / “after end of life” space stations, Creation of a Space Sustainability thematic website
- **Technical studies on epfd limits in Art.22 for the continued protection of GSO FSS and BSS networks**

# PROPOSAL OF SHARING EXPERIENCES

## VIRTUAL HANGOUTS

- **WRC-27 Agenda Items of mutual interest**
  - Brazil has specific engineering teams following the ITU-R studies for the WRC-27 agenda items and can share visions, opinions, and studies that are happening at the ITU-R Study Groups
- **Positions at CITEI which could have mutual supports**
  - Develop joint positions with converging interests that become IAPs at CITEI
- **Other issues**
  - Identify areas where Brazil can support the specific interests of Caribbean countries

## MENTORING PROGRAM - CITEI, NOW4WRC

- Mentor sessions on the WRC process, ITU-R methods, CITEI structure and methods, and other issues concerning spectrum and orbit



Caribbean  
Telecommunications  
Union

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THANK YOU!!!

GRACIAS !!!

OBRIGADO !!!



TARCÍSIO AURÉLIO BAKAUS – BRAZIL

BAKAUST@ANATEL.GOV.BR

