ITUWRC SHARM EL-SHEIKH2019
28 October - 22 November
Sharm El-Sheikh, Egypt

WRC-19

Outcome and Challenges related to Amateur and Amateur-satellite service

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ITUWRC
SHARM EL-SHEIKH2019
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3 420 participants attended WRC-19

- 3160 delegates from 163 Member States (*of 193 ITU member states*)
- 260 observers - ITU-R sector members (operators, industry, R&D)

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https://www.itu.int/go/wrc-19

Presentation Outline

1. ITU LEGAL framework for *orbit/spectrum use*
2. World Radiocommunication Conference (WRC)
3. Amateur and Amateur-satellite service and the ITU Radio Regulations
4. *WRC-19 outcome related to Amateur service*
5. *WRC-23 Agenda Item related to Amateur service*
6. *FREE* online access to the ITU documents

The WRC Purpose

✓ **Updates the ITU Radio Regulations – new version as of *1.1.2021***

- ❖ *Legal bindings doc - **treaty** status*
- *Incorporates the WRC decisions*

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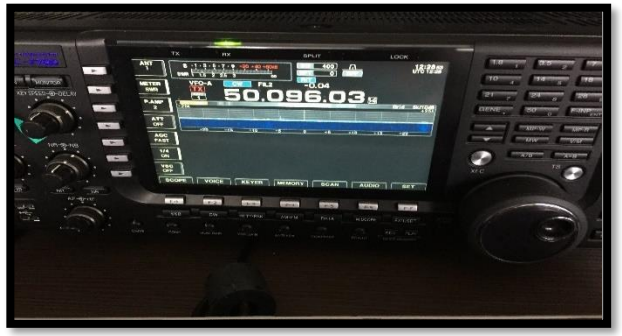
Radio Regulations

- **4** Volumes (Articles/Appendices/Resolutions/ITU-R Rec inc.ref.)
- Table of Frequency Allocations (FAT & Radio Services) (ART **5**)
- Coordination (ART**9**) and Notif. (ART**11**) proc., Space Plans (AP**30**/**30A**&AP **30B**)
- Interference and Administrative provisions (Licensing, Identification)
- Provisions for services and stations (Terrestrial/Space sharing (pfd, epfd))
- also *Amateur and Amateur-satellite service* (ART **25**)

✓ **Adopts Resolutions** and **Recommendations**

✓ **Held every ~4 years – next one WRC-23**

Amateur service issues - WRC-19 AI 1.1



- **AI-1.1 RES-658 (WRC-15)**

Studies for consideration of an allocation of the band **50-54 MHz to the amateur service in Region 1** (*towards a worldwide allocation for harmonized weak signal communications*)

WRC-23 AI.9.1.2 – RNSS / ARS

AI 9.1.2 – to review of the ARS and the ARSS allocations in the frequency band 1 240-1 300 MHz to determine if additional measures are required to ensure protection of the RNSS (s-E) service operating in the same band in accordance with **RES- COM6/17** (WRC-19)

RES-COM6/17 (WRC-19) - Studies on technical and operational measures to be applied in the frequency band 1 240-1 300 MHz to ensure the protection of the RNSS (s-E)