

2022 Spectrum Forum

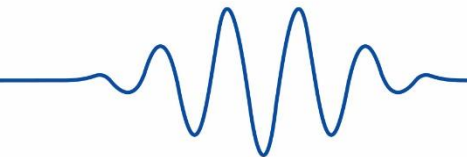
November 2022

Agenda 5+6: WRC-23 / IARU Updates



Radio Society of Great Britain

Advancing amateur radio since 1913



5-Nov-2022 Agenda Topics

- **Item-5:** WRC-23/27 Update
(note - see also latest 23cm slides)

- **Item-6:** IARU-R1 Topics
 - Shaping the Future
 - Interim Meeting in June-2022
 - General Conference Nov-2023

- ITU-R WRC-23 Conference set for 20th Nov – 15th Dec 2023
- Venue: Dubai-WTC (not Geneva) – due to ITU building work
- Several agenda items of concern in addition to 23cms
- AI-10 Future Agenda items for WRC-27/31 now emerging

- RSGB Special Focus Page: <https://rsgb.org/wrc-23>
- Has background docs, RSGB responses, links

WRC-23: Agenda Item 9.1b / 23cm

- IARU is engaged and representing the amateur services in all the international regulatory groups.
- RSGB Volunteers play a leading role
- Both CEPT & ITU have multiple groups making for a high workload (CEPT SE40, PTC, CPG and ITU WP4C & WP5A)
- IARU believes that the interference potential is over-stated.
 - *See online 23cm slide pack for latest October-2022 update*
- Overall studies and draft conclusions are heading into the WRC-23 CPM Report due in Spring 2023

WRC-23: Broader Concerns

- **50MHz: AI-1.12** will authorise wideband satellite borne climate change radars across 40-50MHz – a key concern
 - Waveform centred on 45MHz but spurious emissions and increased power and reduced mitigation is a concern for 50 MHz DX segment
- **AI-9.1a / WRC-27** Protection of Space Weather sensors has very broad scope to impact usage across LF / HF / UHF+
- **Also...**
 - AI-1.14: 240GHz Climate change sensors
 - AI-10: 6G/IMT-2023 *- and several others...*

WRC-23: Consultation

- Ofcom consulted on WRC23 including Future Agenda over June-September 2022
- Detailed RSGB Response provided and published
- RSGB remain engaged via IFPG and CEPT-PTA UK-Del

Currently awaiting formal statement but we expect UK views to change slightly -such as Future Agenda and 7GHz Wi-Fi vs IMT



IARU-R1 Interim 2022

- Held at Friedrichshafen rather than Vienna
- First physical/hybrid meeting, relatively low inputs
- RSGB Papers – three in C4 for HF matters (Bandplan, Handbook, Contests)
- C4-HF – modest progress on Bandplan review
- C5-VHF-Microwave – interactive, but few decisions
- C7-EMC – well attended but mainly a progress discussion

- C3 - nothing formal
 - but a public update on Shaping the Future Phase-1 progress given

IARU-R1 General Conference 2023

- Scheduled for Serbia – but no longer Novi Sad
- Venue now Zlatibor on Nov 1st – 4th
- Length slightly shorter with focus on C3/StF
- Timetable:-
 - 31-Oct-2022: Call for papers
 - 1-Feb-2022: Delegation intent
 - 1-Aug-2023: Paper submission
 - 23-Aug-2023: Paper distribution
 - 1/4-Nov-2023: Conference
- With WRC as well – a busy and costly year ahead...

