

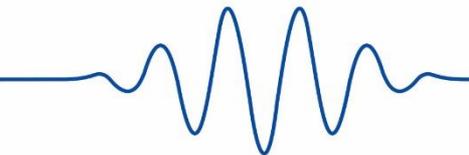
IARU-2020 Outcomes & 2021 Band Plans

November 2020



Radio Society of Great Britain

Advancing amateur radio since 1913



IARU Region-1 2020 Virtual General Conference

- Held online on 11th to 16th October 2020 due to Covid-19 (was originally to be held in Novi Sad, Serbia)
- Online format enabled participation by a wider RSGB team, inc Board, Spectrum/EMC and Youth volunteers supported by CSC/VHFCC
- Ten formal RSGB Inputs, plus major contributions to IARU C7-EMC work

Topics

RSGB Inputs

- | | |
|------------------------|---------|
| ▪ C2-Finance | 1 |
| ▪ C3-General, Youth | 2 |
| ▪ C4-HF | 2 |
| ▪ C5-VHF-UHF-Microwave | 5 |
| ▪ C7-EMC | as IARU |

Note: Strategic Workshops were deferred to 2021 for a face-to-face event

IARU Region-1 2020 Conference Topics

Topics included:-

- Accommodating wider bandwidth digital technologies
- Spectrum threats/sharing
- Automation of Monitoring Services for HF Intruders, Noise Floor
- WRC-23 topics and political relations in a joint SRLC/PRC session
- HF Bandplan harmonisation
- IARU VHF Contests inc future separation and promotion of 50 MHz and 70 MHz events

Almost all RSGB proposals developed/refined in the Spectrum Forum were supported at the conference, so this will result in a number of bandplans being updated for Jan-2021

29 MHz – HF Innovation Room

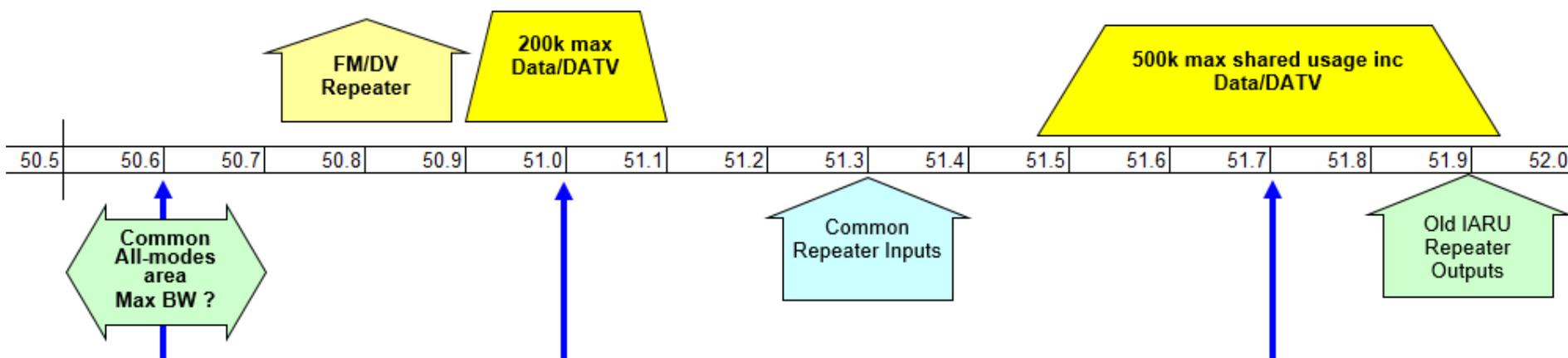
- Proposal for opening upper part of 29 MHz approved in modified form
- *That the 6 kHz maximum bandwidth restriction in the IARU Region 1 10 metre band plan be removed in the segment from **29000 - 29510 kHz**, noting that any experimental wide bandwidth operation must be on a non-interference basis to other stations, including the amateur satellite service segment at **29300 - 29510 kHz**.*
- ~200kHz will be available in Region-1 for highly innovative modes and waveforms for both terrestrial and satellite applications

- *Current plan prior to change:-*

29,000-29,100	6 kHz	All modes
29,100-29,200	6 kHz	All modes - FM simplex - 10 kHz channels
29,200-29,300	6 kHz	All modes - automatically controlled data stations (unattended) 29,270 kHz UK Internet voice gateway - unattended 29,280 kHz UK Internet voice gateway - unattended 29,290 kHz UK Internet voice gateway - unattended
29,300-29,510	6 kHz	Satellite links
29,510-29,520		Guard channel
29,520-29,590	6 kHz	All modes - FM repeater inputs (RH1-RH8)
29,600	6 kHz	All modes - FM calling channel
29,610	6 kHz	All modes - FM simplex repeater (parrot) - input and output
29,620-29,700	6 kHz	All modes - FM repeater outputs (RH1-RH8)

50 MHz – Major Innovation

- 50.5-51 MHz is a major development opportunity for new magic at 6m
- New 200kHz and 500kHz areas can support novel data, DATV
- All modes inc existing Gateways in 50.5-50.7
- Some UK-specific designations to be reduced or moved ?



Notes:-

Blue Arrows are existing experimental centres at 50.6, 51.0, 51.7

Very few old IARU Voice Repeater Outputs in use at 51.9



Other Changes and Next Steps

- Various other mods in the VHF-Microwave bands closely based on our proposals for simplification/updates
- For example, the IARU-R1 VHF Handbook now will have greater clarity for 435-438 MHz
- New Handbook editions due in the coming few weeks to flow down changes to Member Societies
- **2021 Band Plan Drafts will be circulated in the Spectrum Forum in the coming few weeks** (after the EMF work has been submitted)
- Changes will be mainly IARU-driven, but some other editorials and national tweaks will be integrated in time for the RadCom deadline