

■ RSGB Spectrum Forum Meeting - 2015

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Items:

- 8 – IARU Region-1 Interim Meeting
- 9.1 – WRC-15
- 9.2 – WRC-19
- 9.3 – Spectrum Strategy



ITU WRC-15 / 19

Current Update

■ WRC-15 – so far...

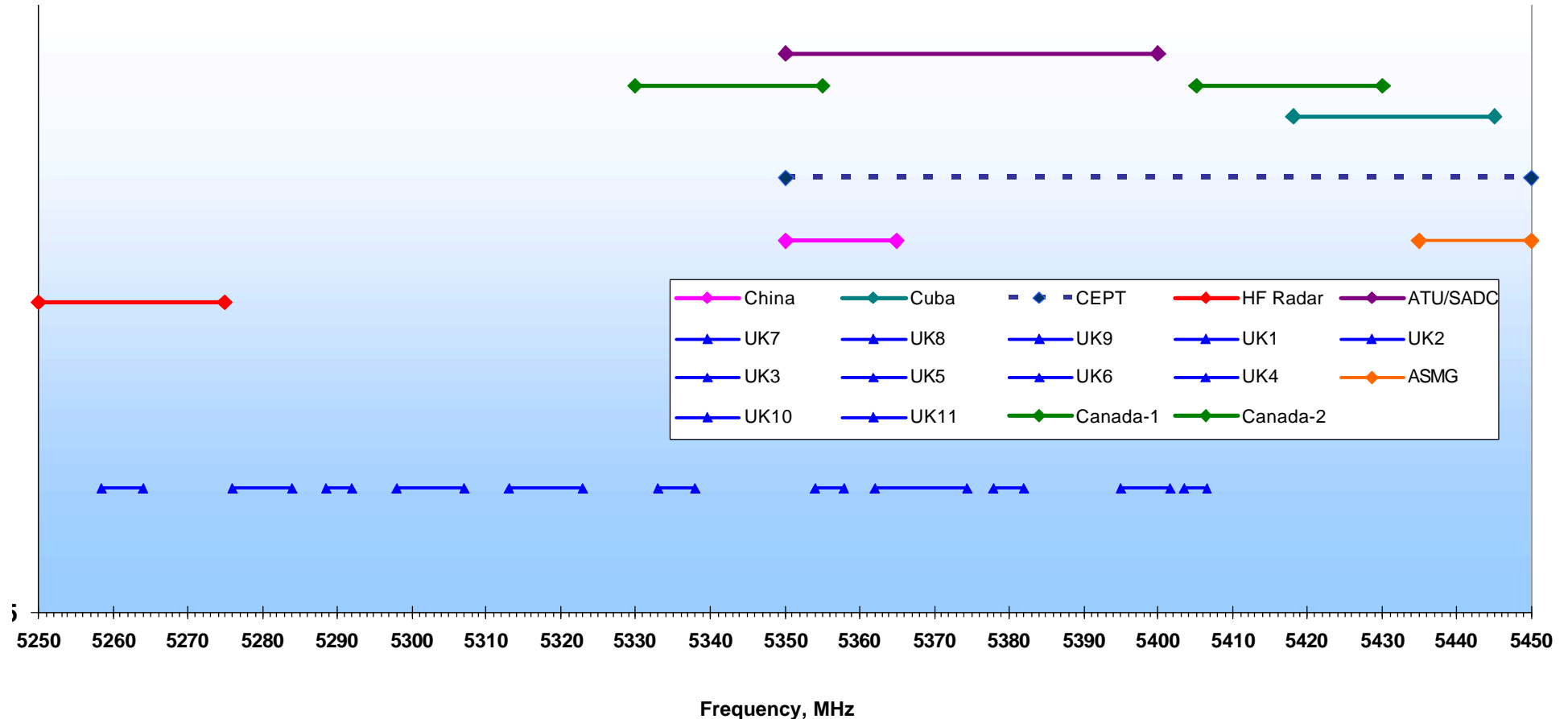
- WRC-15 Underway! – November 2-27 - rsgb.org/wrc-15
- Agenda Includes:-
 - More Mobile Spectrum <6GHz
 - Emergency Comms
 - Small Satellites
 - Plans for next TV Switchover (700MHz)
 - Unmanned Air Systems and Global Flight Tracking/Distress
 - End of GMT/UTC leap seconds
- AI-1.4 – 5MHz Secondary Allocation (????)
- AI-10 – Future Agenda Items for WRC-19

■ 5 MHz – in the UK...

5 MHz (60m)	Available Width	UK Usage
5,258.5-5,264	5.5 kHz	5,262 kHz - CW QRP Centre of Activity
5,276-5,284	8 kHz	5,278.5 kHz - may be used for UK emergency comms traffic
5,288.5-5,292	3.5 kHz	Beacons on 5290 kHz (Note-2), WSPR
5,298-5,307	9 kHz	
5,313-5,323	10 kHz	5,317 kHz - AM 6kHz max. bandwidth
5,333-5,338	5 kHz	
5,354-5,358	4 kHz	
5,362-5,374.5	12.5 kHz	5,362-5,370 kHz - Digital mode activity in the UK
5,378-5,382	4 kHz	
5,395-5,401.5	6.5 kHz	
5,403.5-5,406.5	3 kHz	5,403.5kHz - USB common international frequency

- A total of 71 kHz in 11 segments (bandlets)
- UK specific, embedded in Full licence
- Three synced beacons on 5290: GB3ORK, GB3RAL, GB3WES (though GB3RAL now offline and need to consider future needs)

5 MHz – at WRC – very fluid...



- Aiming for a single band (at ITU level)
- Difficult - facing intense opposition from RCC nations
- Will probably be smaller, different to the UK (if at all!)
- Will not change current licence

■ WRC-19 Process...

- WRC-19 Starts with CPM19-1 on Nov-30/Dec-1
- Agenda set by proposals at WRC15 (100+ vs 18 slots!)
- Single largest agenda item expected to be next-generation mobile broadband – aka 5G /IMT2020 (and THz Wi-Fi?)
- 5G focus includes higher bands, where we stand to lose due to light usage despite very pioneering work
- Amateur Proposals for WRC-19 based largely on CEPT PTA process (RSGB attended two PTA meetings)
 - 1.8-2.0 MHz - may face stiff resistance (later withdrawn)
 - 50-54 MHz - in Region-1 only (amateur satellite proposal lost)
 - 3400-3410 – in Region-1 only - withdrawn due to lack of support

■ Follow WRC-19...

- New Focus area on RSGB website at

[rsgb.org/wrc-19](https://www.rsgb.org/wrc-19)