

Spectrum Policy Forum

8th June 2023

World Radiocommunications Conference 2023

Stephen Talbot - Ofcom

Head of International Spectrum Policy

Agenda

- Previous 3 years
- Current State of regional deliberations
- Recent European discussions – CEPT
- Recent European discussions – European Union
- UK's approach to WRC
- Selection of UK's interest items

“Three certainties of life: death, taxes, and a WRC in process”



“The Queen dead, long live the king”

- WRC-AA is dead, long live WRC-BB
- Continual rolling process
- Agendas for the next WRCs agreed at the end of the current
- WRC-23 will be no different

Previous Three Years

Previous Three Years

- Conference Preparatory Meeting #1 for WRC 2023, met November 2019
- That meeting assigned the responsible groups in ITU to undertake the work
- Agendas for the next WRCs agreed at the end of the current WRC
- ITU Study Groups have worked on related technical work to support decision making
- Text provided for the CPM Report, potential solutions to meet Agenda Item aim.
- CEPT has its parallel process to engage and work towards agreed positions

Current State of regional deliberations



Current State of regional deliberations

- All regional groups are engaging with CEPT
- in CEPT, we'd assert, are the more aligned in its collective deliberations
- Regional positions are currently predicated on individual country views
- Therefore not yet possible to accurately judge regional positions
- For some items, outside CEPT, no regional position is expected

Recent European discussions – CEPT



Recent European discussions – CEPT

- Recent penultimate CEPT Meeting for WRC-23 Prep
- First batch of ECPs agreed “final approval”
- Mainly non-controversial items
- Final CPG meeting scheduled for September, where all items to be agreed
- Will include; Upper 6 GHz, UHF, AI 7 topics A and J and WRC-27 agenda

Recent European discussions – European Union

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Recent European discussions – European Union

- Obviously, UK not formally party to these discussions
- WRC-23 RSPG (Radio Spectrum Policy Group) opinion published Dec 22
- Issues selected, as per previous WRCs, where identified as EU policy related
- Is expected that the EC Decision will be largely based on the Opinion
- Debates in the EU will be via MS reps/EC in EU Telecoms Council meetings

UKs approach

UKs approach to WRC

- As always, value comes from being party to a regional position
- UK is therefore always committed to the CEPT process (UK has CEPT roles)
- UK has been engaged in the ITU and CEPT processes throughout
- UK process via IFPG mechanism
- Ofcom closely engaged with Government, et al, spectrum colleagues
- “Horse trading”: not attractive, but an unwelcome reality

Selection of UK's interest items

Selection of UK's interest items (1/9)

- Agenda Item 1.2, “Upper 6 GHz” band
- Continue to be conscious of the need for all technologies to be visible
- In addition the need to address the issue of FSS sharing is important
- CPG took a decision for a General Matters item to address this and SST¹
- We also recognise that the scope of this band is limited to Region 1

¹ Sea Surface Temperature

Selection of UK's interest items (2/9)

- Agenda Item 1.2, more wider
- UK supported the approved ECPs for No Changes in the bands;
 - 3.3 – 3.4 GHz (Region's 1 & 2), 10.0 – 10.5 GHz (Region 2)
- UK and CEPT has international radiolocation interests in 3.3 – 3.4 GHz
- CEPT determined that passive satellite use needs protection around 10 GHz

Selection of UK's interest items (3/9)

- Agenda Item 1.3, primary mobile in 3.6 – 3.8 GHz in Region 1
- European use does not require primary allocation, however
- Other Region 1 countries want the regulatory certainty
- Technical conditions should neither contradict/undermine those in 3.4-3.6
- CEPT agreed, ECP, on the upgrade with that requirement
- Again, respect for the scope of the AI important for CEPT

Selection of UK's interest items (4/9)

- Agenda Item 1.5, “470 -694 MHz review”
- UK has been clear on support for a No Change position
- No current need to change that view
- All parties aware of the 3 views within CEPT
- UK use of Broadcasting TV, underpinned by licence extensions

Selection of UK's interest items (5/9)

- Agenda Item 9.1 topic a MetAids (Space Weather)
- UK has both national monitoring and international funding interests
- Much debate related to the correct regulatory certainty
- UK hold CEPT coordinator role as a reflection of importance
- CEPT agreed, ECP, on the definitions to be documented in the RRs
- Further AI on bands and technical conditions will be CEPT supported

Selection of UK's interest items (6/9)

- Agenda Item 9.1 topic c “IMT systems for FWA in FS bands”
- “Hurriedly” accepted at the end of WRC-19
- CEPT agreed No Change ECP last year
- A matter for study “yes”, regulatory changes not needed
- Continues to be debated in ITU
- Might be debated at RA-23, although same principles apply

Selection of UK's interest items (7/9)

- Agenda Item 7 topic A “Tolerances for non-GSO in the FSS, BSS or MSS”
- Like other CEPT countries, still developing our position on values
- General rule, adversely impacting interference environment to be avoided
- Also believe non-GSO systems already in operation, have some status

Selection of UK's interest items (8/9)

- Agenda Item 7 topic J “Aggregate epfd limits, via admin consultation”
- We support the creation of periodic consultation meetings
- We also support the creation of ITU-R recommendations to assist this
- Such recommendations are important to ensure proportionate protection
- But, Recommendation approval should not impede consultation meetings

Selection of UK's interest items (9/9)

- Document 550 WRC-19 “.....”
- We're supportive of General Matters ECP to apply in the short-term
 - the use of Total Radiated Power (TRP)
 - the development of a new Rule of Procedure for 24.25-29.5 GHz
 - no changes to the RR, although CPG decided that TRP into 21.5.
- PT1 will gauge views on longer term approach

FIN

CPM Report <https://www.itu.int/md/R19-CPM23.2-R/en>