

CEPT PRIORITIES FOR WRC-19

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WRC-19 is approaching



WRC-19 agenda

MS and FS

1.11 (Train/tracksides), 1.12 (ITS), 1.14 (HAPS), **1.15** (above 275 GHz)

Broadband MS

1.13 (IMT2020), 1.16 (RLAN 5 GHz), 9.1.1 (IMT & MSS 2 GHz),
9.1.2 (IMT & BSS L-band), 9.1.5 (Protection criteria 5 GHz), 9.1.8 (M2M type communications)

Satellite

1.4 (App. 30), **1.5** (ESIM), **1.6** (NGSO FSS Q/V band), 7 (Satellite procedures),
9.1.3 (NGSO FSS C-band), 9.1.7 (unauthorised ES), **9.1.9** (FSS 50 GHz),
9.2 (Inconsistencies in RR), 9.3 (Due diligence)

Science

1.2 (ES 400 MHz), **1.3** (Update EESS/MetSat), **1.7** (Nano-/picosatellites)

Maritime

1.8 (GMDSS), **1.9.1** (Maritime autonomous devices), 1.9.2 (VDES Satellite)

Aeronautical

1.10 (GADSS), 9.1.4 (sub-orbital flights)

Amateur

1.1 (Amateur)

General issues

2 (incorporation by reference), 4 (Review of Res/Recs), 8 (Review of footnotes), 9.1.6 (WPT)

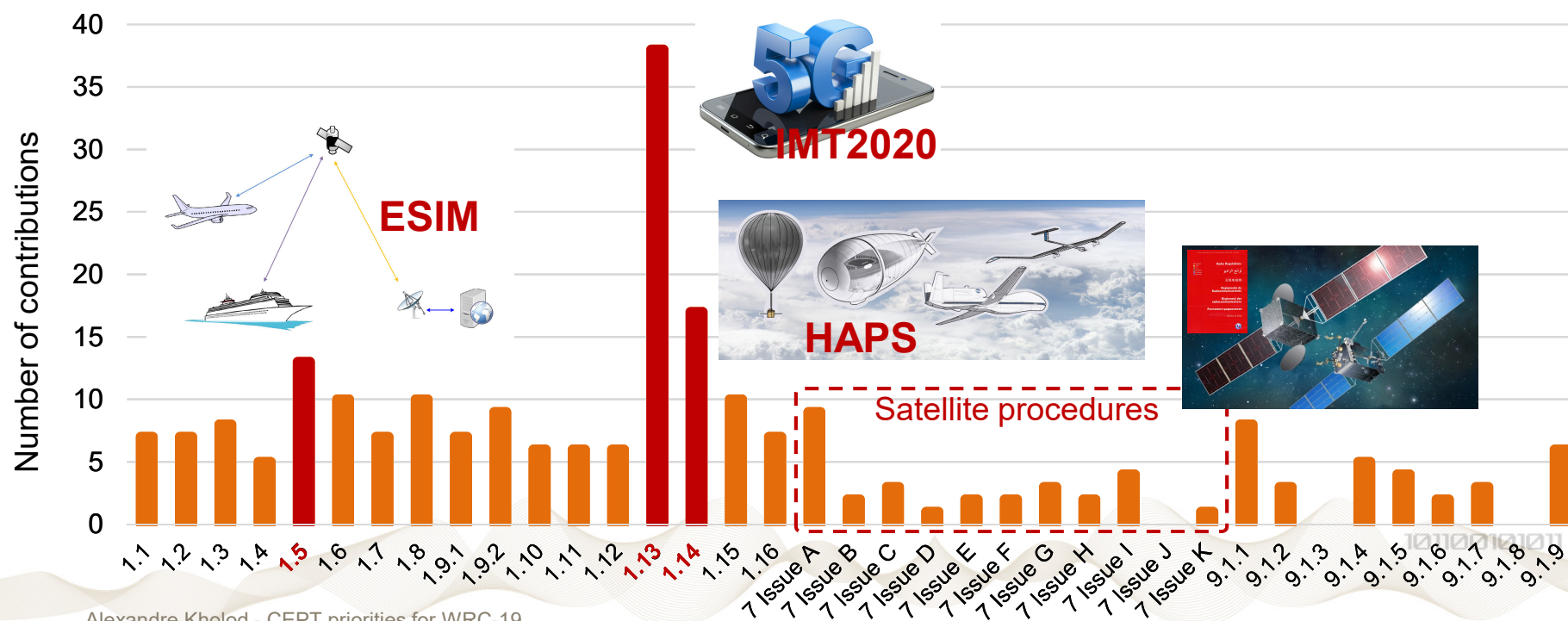
Future agenda

10 (Future agenda)

□ proposed by CEPT

What are key agenda items at WRC-19?

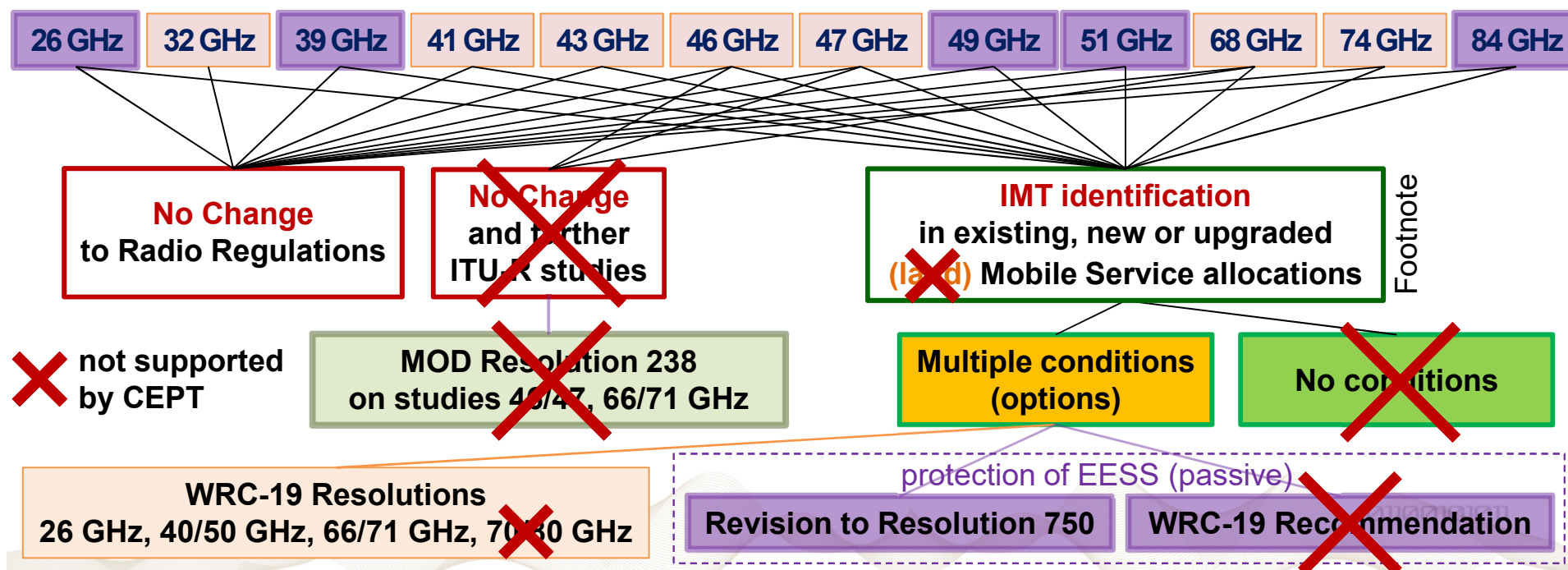
Contributions submitted to CPM19-2



Alexandre Kholod - CEPT priorities for WRC-19

Agenda item 1.13 – Spectrum for IMT2020

Methods to satisfy the agenda item



Agenda item 1.13 – Spectrum for IMT2020

CEPT support for IMT identification



24.25-27.5 GHz

- Protection of “passive” band: **-42 dBW/200 MHz (BS)** and **-38 dBW/200 MHz (UE)**

40.5-43.5 GHz

- CEPT recognizes the potential for the **37-43.5 GHz** band to become a 5G tuning range

66-71 GHz

- Sharing between IMT 5G and **Multiple Gigabit Wireless Systems (WiGig)**

Agenda item 1.5 – Earth stations in motion

European regulatory framework is provided in ECC Decision (13)01

- However, **the need for a fully global regulatory framework** ⇒ Resolution 158 (WRC-15)

Coexistence with terrestrial services

- Transmitting ESIM (27.5-29.5 GHz) shall not cause unacceptable interference + specific provisions
- Receiving ESIM (17.7-19.7 GHz) shall not claim protection



pfd limits on
the earth's surface



minimum distance &
maximum eirp



no specific
regulatory actions

no altitude restriction

Coexistence with space services

- ESIM shall remain within the envelope of the satellite network with which they communicate
- Specific provisions to protect non-GSO FSS systems [and MSS feeder links]

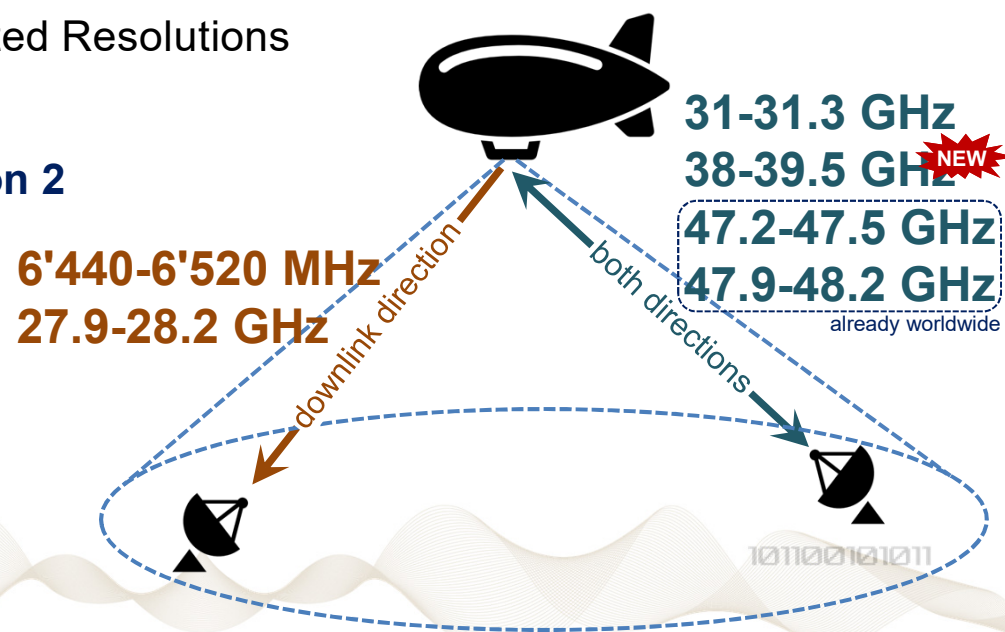
Agenda item 1.14 – High altitude platform stations

Support for **worldwide** identification for HAPS

- while protecting existing services and their development
- new or modified footnotes and associated Resolutions

Potential identification for HAPS of 21.4-22 GHz and 24.25-27.5 GHz in Region 2

- Space services shall be protected
- No constrain on the IMT identification of the 26 GHz band for IMT



Final remarks

WRC-19 will deal with many important and complex issues

- There is already growing synergy among regional organisations on some agenda items
- Intensive agreement-seeking negotiations will be still required on some other agenda items

European Common Proposals for WRC-19 are being finalised

- Final approval is expected at CPG19-8 (20-24 May) and CPG19-9 (26-30 August)
- CEPT welcomes the representatives from other regional organisations to the meetings of CPG and its Project Teams
- Follow us at <https://www.cept.org/ecc/groups/ecc/cpg/client/introduction/>

Thank you



All together we are preparing the future
of the telecommunication sector