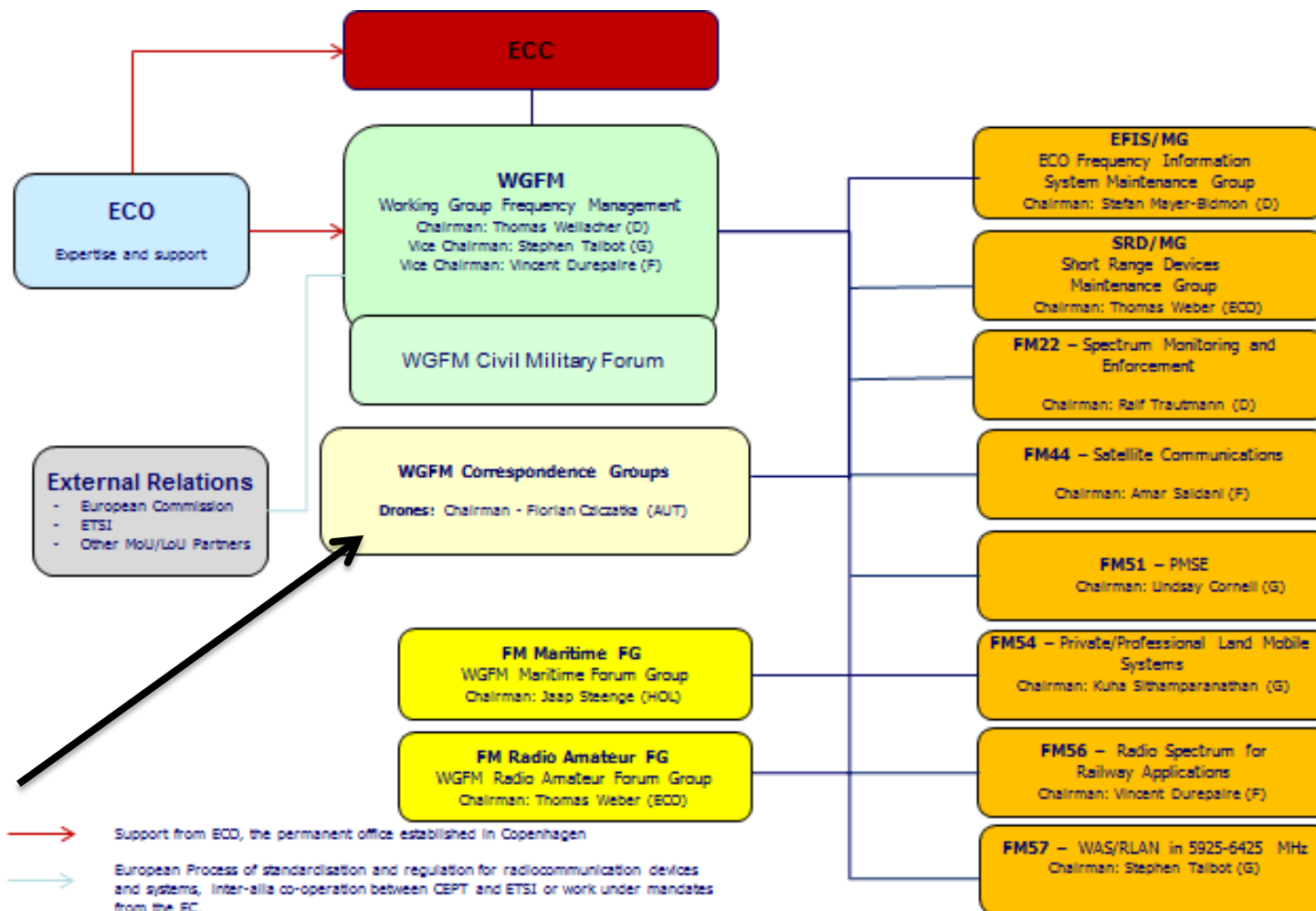


# CEPT Workshop on spectrum for drones / UAS

Thomas Weilacher  
WG FM Chairman

Copenhagen  
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# Structure of ECC Working Group FM



## Activities carried out so far

- Establishment of the Correspondence Group on drones in February 2015.
- *Questionnaire* to CEPT administrations and stakeholders (2015).
- Approval and publication of ECC Report 268 on '*Technical and Regulatory Aspects and the Needs for Spectrum Regulation for Unmanned Aircraft Systems (UAS)*' in February 2018. This ECC Report follows the 'Prototype' Commission Regulation from EASA (which encompasses the *Open Category* and the *Specific Category*, but not the *Certified Category*).

## Activities carried out so far (cont.)

- Consideration of ADCO market surveillance campaign.
- Approval and publication of an '*explanatory paper*' related to non-professional UAS use under general authorisations (also referred to in the Introduction of ERC Recommendation 70-03 for SRD).
- Preliminary considerations of *frequency bands* (for command and control / for payload) for professional UAS use ('working document').
- Applicability of Radio Equipment Directive (RED) / EASA regulation.

## Workshop on spectrum for drones

### Expectations for the workshop:

- Suitable frequency bands, amount of spectrum (for command and control / for payload) for professional UAS use?
- Need for additional harmonisation measures?
- Need for amendment of harmonisation measures already in force (e.g. for Video PMSE)?
- Terrestrial spectrum / satellite spectrum?
- Spectrum for radars (anti-collision radar sensors)?

## Workshop on spectrum for drones

### Expectations for the workshop (cont.):

- Operational scenarios for the UAS categories 'Open' and 'Specific'?
- Technical requirements?
- Commercial drones / governmental drones.
- Use of existing and future MFCN (Mobile Fixed Communications Network) for UAS operations?
- Geofencing?
- Action points for future activities within ECC (in cooperation with ETSI, European Commission, stakeholders, ...).

## Workshop on spectrum for drones

Thank you

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