

# **Agenda for the 2019 World Radiocommunication Conference**



# Broadband applications in the MS (WRC-19 agenda items 1.13 and 1.16)

The following bands, which are already allocated to mobile, will be studied with a view to an **IMT-2020** identification:

- 24.25 – 27.5 GHz
- 37 – 40.5 GHz
- 42.5 – 43.5 GHz
- 45.5 – 47 GHz
- 47.2 – 50.2 GHz
- 50.4 – 52.6 GHz
- 66 – 76 GHz
- 81 – 86 GHz

The following bands will also be studied, although they **do not currently have global mobile allocations**:

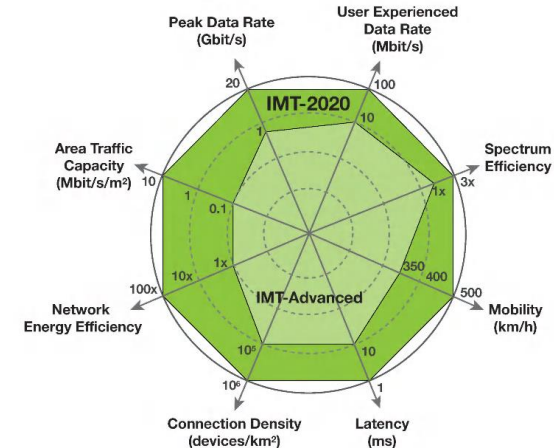
- 31.8 – 33.4 GHz
- 40.5 – 42.5 GHz
- 47 - 47.2 GHz

► **Res. 238 (WRC-15)**



Appropriate regulatory actions, incl. additional MS allocations, for **WAS/RLAN** will be studied in the bands between **5 150-5 925 MHz**

► **Res. 239 (WRC-15)**



## Other LMS & FS Systems & Apps. (WRC-19 agenda items 1.14 and 1.15)



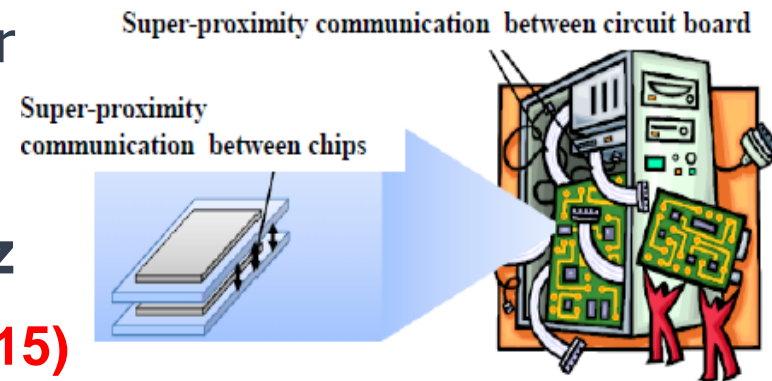
Studies for considering **appropriate regulatory actions for HAPS\***, within existing FS alloc. at 47.2-47.5, 47.9-48.2 & 31.0-31.3\*\*/27.9-28.2\*\* GHz (\*\*outside Reg. 2, +5 ADMs @6.5/6.5 MHz) or

study new bands: 38-39.5 GHz & 21.4-22\*\*\* & 24.25-27.5\*\*\* GHz  
(\*high-altitude platform stations (HAPS);  
\*\*\* in Region 2)

▶ **Res. 160 (WRC-15)**

Studies towards an **identification** for use by administrations for **LMS and FS applications** operating in the frequency range **275-450 GHz**

▶ **Res. 767 (WRC-15)**

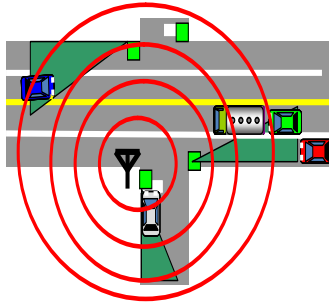


## New transport systems in the MS (WRC-19 agenda items 1.11 & 1.12)



Studies to take necessary actions, as appropriate, to facilitate **global or regional harmonized bands to support railway radiocommunication systems** between train & trackside within existing MS allocations

▶ **Res. 236 (WRC-15)**



Studies to consider possible **global or regional harmonized bands**, to the maximum extent possible, for **implementation of evolving ITS\*** within existing MS allocations

▶ **Res. 237 (WRC-15)**

\* Intelligent Transport systems (ITS)

# Maritime issues

(WRC-19 agenda items 1.8, 1.9.1 & 1.9.2)



Studies to consider possible **regulatory actions** to **support GMDSS** (Global Maritime Distress and Safety Systems) **modernization** and the introduction of **additional satellite systems** into the GMDSS

▶ **Res. 359 (Rev.WRC-15)**



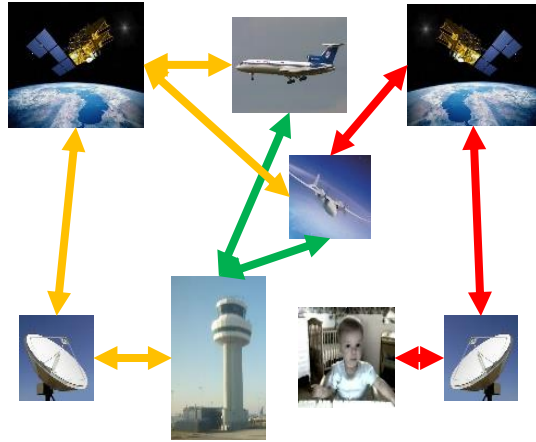
Studies to consider **regulatory actions** within the band **156-162.05 MHz** for **autonomous maritime radio devices** to protect the GMDSS and AIS (Automatic Identification System)

▶ **Res. 362 (WRC-15)**

Studies to consider RR MODs, including **new MMSS (E-s & s-E)** allocations, preferably **within 156.0125-157.4375 MHz & 160.6125-162.0375 MHz** of RR App. 18, to **enable a new VDES** (VHF data exchange system) **satellite component**

▶ **Res. 360 (Rev.WRC-15)**

# Aeronautical and Amateur issues (WRC-19 agenda items 1.10 & 1.1)



Studies to consider **spectrum needs & regulatory provisions for introduction and use of the GADSS** (Global Aeronautical Distress and Safety System)

► **Res. 426 (WRC-15)**



Studies for consideration of an allocation of the band **50-54 MHz to the amateur service in Region 1** (towards a worldwide allocation for harmonized weak signal communications) ► **Res. 658 (WRC-15)**

# WRC-23 Preliminary Agenda

## 5 preliminary agenda items, **Res. 810** (WRC-15)

- **Res. 361 – Spectrum for GMDSS modernization & implementation of e-navigation (WRC-15)**
- **Res. 656 – Possible new allocations for EESS (active) for spaceborne radar sounders @ 45 MHz (WRC-15)**
- **Res. 657 – Spectrum needs & designation of radio services for space weather sensors (WRC-15)**
- **Res. 161 – Possible new alloc. for FSS @ 37.5-39.5 GHz (WRC-15)**
- **Res. 235 – spectrum use and needs of existing services @ 470-960 MHz in Region 1 and possible regulatory actions @ 470-694 MHz in Region 1 (WRC-15)**