WRC-23 Agenda

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| No. |  | Agenda | Remarks |
| 1 |  | ADD AHG4-1/363/3#753961.[XXX] to consider, based on the results of the ITU‑R studies, possible measures to address, in the frequency band 4 800-4 990 MHz, protection of stations of aeronautical and maritime mobile service located in the international airspace and water from other stations located within national territories and to review the pfd criteria in No. **5.441B** in accordance with Resolution **223 (Rev.WRC‑19)**;  |  |
| 2 | IMT | to consider identification of the following frequency bands [TBD] for International Mobile Telecommunications (IMT) [, including possible additional allocations to the mobile service on a primary basis,] in accordance with Resolution **[IMT-WRC-23] (WRC-19)**.* 3600 – 3800 MHz and 3300 – 3400 MHz (R2)
* [3300 – 3400 MHz amend footnote in R1]
* 7025 – 7125 MHz (G)
* 6425 – 7025 MHz / [5925 – 7025 MHz] (R1)
* 10 000 – 10 500 MHz (R2)
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| 2 | **HIBS** | to consider, in accordance with Resolution **[SWG6B1/HIBS] (WRC-19)**, the use of high altitude platform stations as IMT base stations (HIBS) in the mobile service in certain bands below 2.7 GHz already identified for IMT, on a global or regional level.The frequency Bands:* [694/698/703-960 MHz ]
* 1 710-1 885 MHz (noting that 1 710-1 815 MHz is restricted to be used for uplink only in Region 3);
* 2 500-2 690 MHz, except 2 655-2 690 MHz in Region 3 (noting that 2 500-2 535 MHz is restricted to be used for uplink only in Region 3);
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| 3 | **Region 1 UHF**Any change to the original resolution will revert to suppression  | to review the spectrum use and spectrum needs of existing services in the frequency band 470-960 MHz in Region 1 and consider possible regulatory actions in the frequency band 470-694 MHz in Region 1 on the basis of the review in accordance with Resolution **235 (WRC-15)**; |  |
| 4 | C-Band | To consider primary allocation of the band 3600 – 3800 MHz to mobile service within Region 1 and take appropriate regulatory actions[ including possible IMT identification.] |  |
| 5 | **SRS 15 GHz****For Region 1.** | to consider a possible upgrade of the allocation of the frequency band 14.8-15.35 GHz to the Space Research Service in accordance with Resolution [**SWG6B1/SRS-15GHz UPGRADE**] **(WRC-19)**; |  |
| 6 | **ESIM Ku-band aero and maritime** | harmonize the use of the frequency band 12.75-13.25 GHz (Earth-to-space) by earth stations on aircraft and vessels communicating with geostationary space stations in the fixed-satellite service globally, in accordance with Resolution **[WP6B1-AERO/MAR 13 GHZ] (WRC-19)**; |  |
| 7 | **ESIM Ka-band aero and maritime with NGSO** | to study and develop technical, operational and regulatory measures, as appropriate, to facilitate the use of the frequency bands 17.7-18.6 GHz and 18.8-19.3 GHz and 19.7-20.2 GHz (space-to-Earth) and 27.5-29.1 GHz and 29.5-30 GHz (Earth-to-space) by non-GSO FSS ESIM, while ensuring due protection of existing services in those frequency bands in accordance with Resolution [SWG6B1/NGSO\_ESIM] * **17 700-18 600**
* **18 800-19 300**
* **19 700-20 200**
* **27 500-29 100**
* **29 500-30 000**
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| 8 | **ISS** | to determine and carry out, on the basis of the ITU-R studies in accordance with Resolution **[ISS] (WRC-19)**, the appropriate regulatory actions for the provision of inter-satellite links in specific frequency bands, or portions thereof, by adding an inter-satellite service allocation where appropriate;* 18.1 – 18.6 GHz
* 18.8 – 20.2 GHz
* 27.5 – 30.0 GHz
* 11.7 – 12.7 GHz
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| **9** | **FSS Primary 17 GHz R2** | to consider a new primary allocation to the fixed-satellite service in the space-to-Earth in the 17.3-17.7 GHz band in Region 2, while protecting existing primary services in the band, in accordance with Resolution **[SWG6B1/7-17.3-17.7-S-E] (WRC-19)**. |  |
| 10 | **MSS**  | Studies towards a possible new allocation for the applications of data collection and distribution systems described as low-data rate systems for the collection of data from, and management of terrestrial devices, in the MSS in specific bands [TBD]For Region 2:* **1 695-1 710**
* **2 010-2 025**
* **3 300‑3 315**
* **3 385-3 400**
* **3 400-3 410**
* **3 425-3 440**

For Region 1:* **2 010-2 025**
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| 11 | **AMS(R)S** | to consider an aeronautical mobile-satellite (R) service (AMS(R)S) allocation in accordance with Resolution **[SWG6B1/SAT-VHF**] **(WRC-19)** for both the uplink and downlink of aeronautical VHF applications in all or part of the frequency band 117.975‑137 MHz, while preventing any undue constraints on existing VHF systems operating in the AM(R)S, the ARNS, and in adjacent frequency bands; |  |
| **12** | **Appendix 27** | to review Appendix **27** of the Radio Regulations and consider appropriate regulatory actions and updates based on ITU-R studies, in order to **accommodate** digital technologies for commercial aviation safety-of-life applications in existing HF bands allocated to the aeronautical mobile (route) service and ensure coexistence of current HF systems alongside modernized HF systems, in accordance with Resolution **[SWG6B1/1-APPENDIX-27] (WRC-19)**; |  |
| **13** | **GMDSS and e-navigation** | to consider possible regulatory actions to support the modernization of the Global Maritime Distress and Safety System and the implementation of e-navigation, in accordance with Resolution **361 (Rev.WRC-19)**; |  |
| **14** | **Resolution 155** | to consider, on the basis of ITU‑R studies in accordance with Resolution **[SWG6B1/5‑RES155] (WRC‑19)**, appropriate regulatory actions, with a view to reviewing and, if necessary, revising Resolution **155 (WRC‑15)** and No. **5.484B** to accommodate the use of fixed-satellite service (FSS) networks by Control and Non-Payload Communications of Unmanned Aircraft Systems; |  |
| **15** | **Space borne radar sounders with EESS (active) secondary** | to conduct, and complete in time for WRC-23, studies for a possible new [secondary] allocation to the Earth exploration-satellite (active) service for spaceborne radar sounders within the range of frequencies around 45 MHz, taking into account the protection of incumbent services, including in adjacent bands, in accordance with Resolution **656 (Rev.WRC-19)**; |  |
| **16** | **EESS > 231 GHz** | to review and consider possible adjustments of the existing or possible new primary frequency allocations to EESS (passive) in the frequency range 231.5-252 GHz, to ensure alignment with more up-to-date remote sensing observation requirements in accordance with Resolution **[EUR-R10-18] (WRC-19)**; |  |
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|  | **Space weather sensors** | Under AI 9.1:in accordance with Resolution **657 (Rev.WRC-19)**, to review the results of studies relating to the technical and operational characteristics, spectrum requirements and appropriate radio service designations for space weather sensors with a view to providing appropriate recognition and protection in the Radio Regulations without placing additional constraints on incumbent services; | With condition no regulatory changes at WRC23. |
|  | FS BB | Under 9.1:To study the use of International telecommunication system for Fixed Wireless BB in the frequency bands allocated to the Fixed Services on Primary basis. |  |
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