**Attachment 2**

**List of the WRC-23 Agenda Items and Preliminary APT Common Proposals**

| **WRC-23 Agenda Item** | **Sub Agenda Item/Issue** | **Text of Agenda Item** | | **PACP Addendum**  **Number** | | **APG23-6 Source**  **Document:**  **APG23-6/** | | **Proposal No.:**  **ACP/XX** | | **Comments** |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 1.1 |  | 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 the aeronautical and maritime mobile services located in international airspace and waters 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)** | | A1 | | OUT-08 | | No PACP | | |
| 1.2 |  | to consider identification of the frequency bands 3 300-3 400 MHz, 3 600‑3 800 MHz, 6 425-7 025 MHz, 7 025-7 125 MHz and 10.0-10.5 GHz for International Mobile Telecommunications (IMT), including possible additional allocations to the mobile service on a primary basis, in accordance with Resolution **245** **(WRC‑19)**; | | A2 | | OUT-09 | | A2/1 to 4 | | 4 PACPs |
| 1.3 |  | to consider primary allocation of the band 3 600‑3 800 MHz to mobile service within Region 1 and take appropriate regulatory actions, in accordance with Resolution **246 (WRC‑19)**; | | A3 | | OUT-10 | | No PACP | | |
| 1.4 |  | to consider, in accordance with Resolution **247** **(WRC‑19)**, the use of high-altitude platform stations as IMT base stations (HIBS) in the mobile service in certain frequency bands below 2.7 GHz already identified for IMT, on a global or regional level; | | A4 | | OUT-11 | | A4/1 to 9 | | 9 PACPs |
| 1.5 |  | 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)**; | | A5 | | OUT-12 | | No PACP | | |
| 1.6 |  | to consider, in accordance with Resolution **772 (WRC‑19)**, regulatory provisions to facilitate radiocommunications for sub-orbital vehicles; | | A6 | | OUT-15 | | No PACP | | |
| 1.7 |  | to consider a new aeronautical mobile-satellite (R) service (AMS(R)S) allocation in accordance with Resolution **428** **(WRC‑19)** for both the Earth-to-space and space-to-Earth directions of aeronautical VHF communications 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; | | A7 | | OUT-16 | | A7/1 | | 1 PACP |
| 1.8 |  | to consider, on the basis of ITU‑R studies in accordance with Resolution **171** **(WRC‑19)**, appropriate regulatory actions, with a view to reviewing and, if necessary, revising Resolution **155 (Rev.WRC‑19)** and No. **5.484B** to accommodate the use of fixed-satellite service (FSS) networks by control and non-payload communications of unmanned aircraft systems; | | A8 | | OUT-17 | | No PACP | | |
| 1.9 |  | 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 **429** **(WRC‑19)**; | A9 | | OUT-18 | | A9/1 to 7 | | 7 PACPs | |
| 1.10 |  | to conduct studies on spectrum needs, coexistence with radiocommunication services and regulatory measures for possible new allocations for the aeronautical mobile service for the use of non-safety aeronautical mobile applications, in accordance with Resolution **430** **(WRC‑19)**; | A10 | | OUT-19 | | No PACP | | | |
| 1.11 |  | 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)**; | A11 | | OUT-20 | |  | |  | |
| Issue A | GMDSS modernization | A11-A1 | |  | | A11-A1/1 to 95 | | 95 PACPs | |
| Issue B | e-navigation | A11-A2 | |  | | A11-A2/1 to 2 | | 2 PACPs | |
| Issue C | New satellite systems |  | |  | | No PACP | | | |
| 1.12 |  | 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)**; | A12 | | OUT-22 | | No PACP | | | |
| 1.13 |  | 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 **661** **(WRC‑19)**; | A13 | | OUT-23 | | No PACP | | | |
| 1.14 |  | 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 **662** **(WRC‑19)**; | | A14 | | OUT-24 | | A14/1 to 3 | | 3 PACPs |
| 1.15 |  | to 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 **172** **(WRC‑19)**; | | A15 | | OUT-27 | | A15/1 to 3 | | 3 PACPs |
| 1.16 |  | 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 earth stations in motion, while ensuring due protection of existing services in those frequency bands, in accordance with Resolution **173** **(WRC‑19)**; | | A16 | | OUT-28(Rev.1) | | A16/1 to 8 | | 8 PACPs |
| 1.17 |  | to determine and carry out, on the basis of the ITU‑R studies in accordance with Resolution **773** **(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; | | A17 | | OUT-29(Rev.1) | | A17/1 to 12 | | 12 PACPs |
| 1.18 |  | to consider studies relating to spectrum needs and potential new allocations to the mobile-satellite service for future development of narrowband mobile-satellite systems, in accordance with Resolution **248** **(WRC‑19)**; | | A18 | | OUT-30 | | A18/1 to 3 | | 3 PACPs |
| 1.19 |  | to consider a new primary allocation to the fixed-satellite service in the space-to-Earth direction in the frequency band 17.3-17.7 GHz in Region 2, while protecting existing primary services in the band, in accordance with Resolution **174** **(WRC‑19)**; | | A19 | | OUT-31 | | A19/1 to 10 | | 10 PACPs |
| 2 |  | to examine the revised ITU‑R Recommendations incorporated by reference in the Radio Regulations communicated by the Radiocommunication Assembly, in accordance with *further* *resolves* of Resolution **27 (Rev.WRC‑19)**, and to decide whether or not to update the corresponding references in the Radio Regulations, in accordance with the principles contained in *resolves* of that Resolution; | | A20 | | OUT-32 | | A20/1 to 52 | | 52 PACPs |
| 4 |  | in accordance with Resolution **95 (Rev.WRC‑19)**, to review the Resolutions and Recommendations of previous conferences with a view to their possible revision, replacement or abrogation; | | A21 | | OUT-33 | | A21/1 to 26 | | 26 PACPs |
| 7 |  | to consider possible changes, in response to Resolution 86 (Rev. Marrakesh, 2002) of the Plenipotentiary Conference, on advance publication, coordination, notification and recording procedures for frequency assignments pertaining to satellite networks, in accordance with Resolution **86** **(Rev.WRC‑07)**, in order to facilitate the rational, efficient and economical use of radio frequencies and any associated orbits, including the geostationary-satellite orbit; | | A22 | |  | |  | |  |
| A | Tolerances for Certain Orbital Characteristics of Non-GSO Space Stations in the FSS, BSS and MSS | | A22-A1 | | OUT-41 | | A22-A1/1 to 6 | | 6 PACPs |
| B | Post-milestone reporting procedure for non-GSO systems | | A22-A2 | | OUT-42 | | A22-A2/1 to 3 | | 3 PACPs |
| C | 7/8 & 20/30 GHz GSO MSS protection | | A22-A3 | | OUT-43 | | A22-A3/1 to 7 | | 7 PACPs |
| D1 | Mod to App 1 to Annex 4 of RR AP30B | | A22-A4 | | OUT-44 | | A22-A4/1 to 3 | | 3 PACPs |
| D2 | New AP4 parameters for Rec. S.1503 updates | | A22-A5 | | OUT-44 | | A22-A5/1 | | 1 PACP |
| D3 | BR reminders for BIU/BBIU | | A22-A6 | | OUT-44 | | A22-A6/1 to 8 | | 8 PACPs |
| E | Improved procedures under RR Appendix 30B for new ITU Member States | | None | | OUT-45 | | No PACP | | |
| F | Exclusion of feeder-link/uplink service & coverage areas in AP30A/30B | | None | | OUT-46 | | No PACP | | |
| G | Amendments to Res. 770 (WRC-19) | | A22-A7 | | OUT-47 | | A22-A7/1 | | 1 PACP |
| H | Enhanced protection of RR Appendices 30/30A in R1&3 and RR Appendix 30B | | None | | OUT-48 | | No PACP | | |
| I | Special agreements under RR Appendix 30B | | A22-A8 | | OUT-49 | | A22-A8/1 to 8 | | 8 PACPs |
| J | MODs to Res. 76 (Rev.WRC-15) | | None | | OUT-50 | | No PACP | | |
| K | MODs to Res. 553 (Rev.WRC-15) | | A22-A9 | | OUT-51 | | A22-A9/1 | | 1 PACP |
| 8 |  | to consider and take appropriate action on requests from administrations to delete their country footnotes or to have their country name deleted from footnotes, if no longer required, taking into account Resolution **26 (Rev.WRC‑19)**; | | A23 | | OUT-35 | | A23/1 | | 1 PACP |
| 9 |  | to consider and approve the Report of the Director of the Radiocommunication Bureau, in accordance with Article 7 of the Convention; | |  | | | | | | |
| 9.1 | on the activities of the Radiocommunication Sector since WRC-15; | |  | | | | | | |
| 9.1a | *In accordance with Resolution* ***657 (Rev. WRC 19)****, 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 describing appropriate recognition and protection in the Radio Regulations without placing additional constraints on incumbent services;* | | A24-A1 | | OUT-25 | | A24-A1/1 to 2 | | 2 PACPs |
| 9.1b | *review of the amateur service and the amateur-satellite service allocations in the frequency band 1 240 1 300 MHz to determine if additional measures are required to ensure protection of the radionavigation-satellite (space-to-Earth) service operating in the same band in accordance with Resolution****774 (WRC-19)*** | | A24-A2 | | OUT-36 | | A24-A2/1 to 2 | | 2 PACPs |
| 9.1c | Study the use of International Mobile Telecommunication system for fixed wireless broadband in the frequency bands allocated to the fixed services on primary basis, in accordance with [***Resolution 175 (WRC-​19)***](https://www.itu.int/dms_pub/itu-r/oth/0c/0a/R0C0A00000D0024PDFE.pdf) | | A24-A3 | | OUT-13 | | A24-A3/1 to 4 | | 4 PACPs |
| 9.1.d | *Protection of EESS (passive) in the frequency band 36-37 GHz from non-GSO FSS space stations;* | | A24-A4 | | OUT-26 | | No PACP | | |
| Res.427 (WRC-19) | *to study the Articles, limited to Chapters IV, V, VI and VIII of Volume I of the Radio Regulations and their associated Appendices, as appropriate, in order to identify outdated aeronautical provisions with respect to ICAO standards and recommended practices and to develop examples of regulatory texts for updating these provisions, while ensuring that potential changes to such provisions will not impact any other systems or services operating in accordance with the Radio Regulations”* | | A24-A5 | | OUT-21 | | A24-A5/1 to 4 | | 4 PACPs |
| Res.655 (WRC-15) | *Definition of time scale and dissemination of time signals via radiocommunication systems* | | A24-A6 | | OUT-34 | | A24-A6/1 | | 1 PACP |
| 9.2 | on any difficulties or inconsistencies encountered in the application of the Radio Regulations; | | None | | OUT-37 | | No PACP | | |
| 10 |  | to recommend to the Council items for inclusion in the agenda for the next WRC, and items for the preliminary agenda of future conferences, in accordance with Article 7 of the Convention and Resolution **804 (Rev.WRC‑19)**. | |  | |  | |  | |  |
| * Draft Resolution for WRC-27 agenda and Draft Resolution for WRC-31 preliminary agenda | | A25-A1 | | OUT-55 | | A25-A1/1 to 4 | | 4 PACPs |
| * Modification to Resolution 804 (Rev.WRC-19) | | A25-A2 | | OUT-55 | | A25-A2/1 | | 1 PACP |
| * elements are proposed to be included in terms of reference of WRC-23 working group responsible for agenda item 10 | | A25-A3 | | OUT-55 | | A25-A3/1 | | 1 PACP |
| * Input parameters for ITU-R studies to be carried out by various ITU-R study groups/working parties for relevant WRCs agenda items | | A25-A4 | | OUT-55 | | A25-A4/1 | | 1 PACP |
| * WRC-27 preliminary agenda item 2.9 contained in Resolution **812 (WRC-19)** | | A25-A5 | | OUT-52 (Rev.1) | | A25-A5/1 | | 1 PACP |
| * Allocation of 275-325 GHz | | A25-A6 | | OUT-52 (Rev.1) | | A25-A6/ 1 to 2 | | 2 PACPs |
| * Preliminary agenda item 2.12 contained in Resolution **812 (WRC-19)** | | A25-A7 | | OUT-52 (Rev.1) | | A25-A7/ 1 to 2 | | 2 PACPs |
| * Wireless Power Transmission (WPT) | | A25-A8 | | OUT-52 (Rev.1) | | A25-A8/1 | | 1 PACP |
|  |  | * WRC-27 preliminary agenda item 2.1 | | A25-A9 | | OUT-53 | | A25-A9/1 to 2 | | 2 PACPs |
|  |  | * WRC-27 preliminary agenda item 2.10 | | A25-A10 | | OUT-53 | | A25-A10/1 to 2 | | 2 PACPs |
|  |  | * WRC-27 preliminary agenda item 2.5 | | A25-A11 | | OUT-40 | | A25-A11/1 | | 1 PACP |
|  |  | * WRC-27 preliminary agenda item 2.11 | | A25-A12 | | OUT-40 | | A25-A11/1 | | 1 PACP |
|  |  | * Technical and regulatory measures to ensure coexistence between spaceborne SAR and RDS in the frequency band 9.2-10.4GHz | | A25-A13 | | OUT-40 | | A25-A13/1 to 2 | | 2 PACPs |
|  |  | * WRC-27 preliminary agenda item 2.6 | | A25-A14 | | OUT-40 | | A25-A14/1 to 2 | | 2 PACPs |
|  |  | * WRC-27 preliminary agenda 2.3 | | A25-A15 | | OUT-54 (Rev.1) | | A25-A15/1 | | 1 PACP |
|  |  | * WRC-27 preliminary agenda 2.4 | | A25-A16 | | OUT-54 (Rev.1) | | A25-A16/1 to 2 | | 2 PACPs |
|  |  | * WRC-27 preliminary agenda 2.13 | | A25-A17 | | OUT-54 (Rev.1) | | A25-A17/1 | | 1 PACP |
|  |  | * WRC-27 preliminary agenda 2.7 | | A25-A18 | | OUT-54 (Rev.1) | | A25-A18/1 | | 1 PACP |
|  |  | * WRC-27 preliminary agenda 2.8 | | A25-A19 | | OUT-54 (Rev.1) | | A25-A19/1 | | 1 PACP |
|  |  | * New FSS/BSS allocations (Region 3) in 17.3-17.7 GHz | | A25-A20 | | OUT-54 (Rev.1) | | A25-A20/1 to 2 | | 2 PACPs |
|  |  | * FSS in the 13.75-14 GHz band | | A25-A21 | | OUT-54 (Rev.1) | | A25-A21/1 to 2 | | 2 PACPs |
| WRC-19 Doc.550 | RR21.5 | Verification of No. 21.5 for the notification of IMT stations operating in the frequency band 24.45-27.5 GHz which use an antenna that consists of an array of active elements. | | None | | OUT-14 | | No PACP | | |

**List of the Preliminary APT Common Proposals for RA-23**

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| **Title of the PACP** | **Addendum Number** | **APG23-6 Source Document** | **Comment** |
| 1. Revision of Resolution ITU-R 2-8 relating to WRC-23 Agenda Item 8 | A1 | APG23-6/OUT-38 | 1 PACP |
| 1. Draft New Resolution of Gender: Promoting Gender Equality, Equity and Parity in the ITU Radiocommunication Sector | A2 | APG23-6/OUT-39 | 1 PACP |