



# Summary of Outcomes of ATU and FSMP Preparations WRC-23

**Third Meeting of the APIRG IIM/SG, 12-14 October  
2020**

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# Outline

## Introduction

- FSMP on WRC-23
- ATU AMP23-1

## Discussion

- Outcome of FSMP on Draft ICAO Position to WRC23
- Outcome of AMP23-1

## Action by the Meeting

- Invitation of the meeting
- Draft Conclusion/Decision



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# Introduction

- FSMP 10<sup>th</sup> meeting held, 17 – 26 August 2020 - virtually.
  - Position on key agenda items of WRC-23 under development
  - Good building block for States to follow up with frequency regulators.
  - Purpose of position, to protect aviation interests for radiocommunication systems and radionavigation systems
- ATU APM23-1 meeting held, 3 – 7 August 2020
  - First meeting which focused on organization and planning for direction for the region
  - Critical highlights included
    - Key lessons from WRC-19
    - Establishment of ATU preparatory work plan
    - Implementation status of ATU strategic Plan-special case of AU COVID-19 Action plan
    - Consider preliminary views on WRC-23.



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# Discussion

- Development of Draft ICAO Position to WRC-23
  - Agenda Items of concern to aviation; 1.1, 1.2, 1.3, 1.4, 1.6, 1.7, 1.8, 1.9, 1.10, 1.11, 1.13, 1.15, 1.16, 1.17, 4 and 7.
  - Agenda item 1.1
    - Measure to address protection of aeronautical and maritime mobile services in 4800-4900 MHz
  - Major interest for Africa for protection of aviation bands are 1.2 and 1.3
    - Identification of frequency band 3300 – 3400 and 3600-3800 for IMT
    - Primary allocation of 3600-3800 to IMT
  - Agenda item 1.4
    - Use of high altitude platform stations as IMT base stations in frequencies below 2.77GHz



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### ➤ Development of Draft ICAO Position to WRC-23 cont.

- **Agenda Item 1.6**
  - Consider regulatory provisions to facilitate radio communications for sub-orbital vehicles
- **Agenda Item 1.7**
  - AMS(R)S allocation in all or part of VHF band 117.975MHZ
- **Agenda item 1.8**
  - Revision of Resolution 155(WRC19), use of FSS for control and payload communications for UAS
- **Agenda item 1.9**
  - Accommodation of digital technologies for commercial aviation safety of life applications in HF bands, UAS



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### ➤ Development of Draft ICAO Position to WRC-23 cont.

- **Agenda item 1.10**
  - Studies on spectrum need for allocation for AMS, in accordance with Res. 430(WRC-19)
- **Agenda Item 1.11**
  - Regulatory action to support modernization of GMDSS
- **Agenda item 1.13**
  - Upgrade of allocation of band 14.8 – 15.35GHz to space research services
- **Agenda item 1.15**
  - Harmonize use of 12.75- 13.25 GHz by earth stations on aircraft and vessels, Resolution 172 (WRC-19)



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### ➤ Development of Draft ICAO Position to WRC-23 cont.

- **Agenda item 1.16**
  - Study use of 17.7-18.6 GHz, 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 while ensuring protection of existing services
- **Agenda item 1.17**
  - Carry out regulatory actions for inter-satellite links in some frequency bands, Resolution 26(WRC19)
- **Agenda Item 4**
  - Review resolutions and recommendations of previous conferences
- **Agenda Item 7**
  - For appropriate administrations to delete country footnotes, if note required, considering Resolution 26(WRC19)



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# Discussion cont.

## ➤ ATU AMP 23-1 Outcome

- Key lessons from WRC-19
  - Regional voice key during deadlock situations
  - Leadership groups and organization was effective
  - Most decisions in line with Common African Positions
  - Contentious items in region became challenge at conference e.g. 3600 – 3800MHz.
- ITU Preparatory Work plan for WRC-23 (4 topics & 19 agenda items)
  - Fixed-mobile and broadcasting issues (agenda items 1.1 to 1.5);
  - aeronautical and maritime issues (agenda items 1.6 to 1.11);
  - science issues (agenda items 1.12 to 1.14);
  - satellite issues (agenda items 1.15 to 1.19 and agenda item 7);



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### ➤ ATU AMP 23-1 Outcome cont.

- Work plan and leadership of ATU to WRC-23
  - Considered appointment of chair, vice chair and agenda item leadership
  - Sub-Regional(EACO, ECCAS, ECOWAS, SADC, and North Africa) proposal of working group leadership and agenda item champions endorsed.
- ATU strategic plan elements- including AU COVID-19 Action Plan
  - Implementation of ATU strategic plan 2019 – 2022 noted
  - Included the AU COVID-19 strategic plan
- Preliminary Views on WRC-23 agenda Items
  - Some view were noted on some agenda items which included 1.1, 1.2 and 1.3



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# Action by the meeting

**The meeting is invited to:**

- Note the Content of IIM/SG/3 WP/04-B8.3
- Support the works of the Aeronautical Frequency Management Project.
- Take appropriate actions to follow up with State frequency Regulators when the final position is developed and shared.



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