



ICAO

IIM/SG/4 WP3.2

INTERNATIONAL CIVIL AVIATION ORGANIZATION  
WESTERN AND CENTRAL AFRICAN OFFICE

**Fourth meeting of the APIRG Infrastructure and Information Management Sub-Group (IIM/SG/4)**

*(Virtual, 31 August – 3 September 2021)*

**Agenda Item 3: Review of the outcome of APIRG/23<sup>rd</sup> meeting**

**WP3.2 CONCLUSIONS/DECISION OF THE APIRG/23<sup>RD</sup> MEETING IN THE AREA OF AERONAUTICAL COMMUNICATION NAVIGATION SURVEILLANCE AND SPECTRUM (CNS)**

*(Presented by the Secretariat)*

**SUMMARY**

This paper presents the outcome of the APIRG/23 & RASG AFI/6 meetings in the areas of Aeronautical Communication Navigation Surveillance and Spectrum (CNS)

Action by the meeting is at **paragraph 3**.

**References:**

- Report of the APIRG/23 & RASG AFI/6 meetings

**Related ICAO Strategic Objective (s): A Safety, B Capacity & Efficiency**

**Related ASBU KPIs & B0 Modules:** all KPIs applicable to related AIM, CNS and MET

**1. INTRODUCTION**

1.1. The Twenty-third Meeting of the AFI Planning and Implementation Group (APIRG/23) was held in conjunction with the Sixth Meeting of the AFI Regional Aviation Safety Group (RASG- AFI-6) virtually, from 23 November to 2 December 2020.

1.2. More than 400 participants attended the meetings from AFI States, Regional / International Organizations and industry.

**2. DISCUSSION**

2.1 The meeting discussed different initiatives by States and industry. In this regard, the meeting agreed on the need to integrate the implementation of those Regional initiatives in the framework of the APIRG projects approach.

2.2 Furthermore, the meeting discussed the sustainability of aeronautical infrastructure and information systems, and noted the need to continue and reinforce the cooperation and harmonization in planning and speeding up implementation, operation and monitoring of interconnected systems. The following conclusion was formulated:

***APIRG/23 Conclusion 23/19: Cooperation and harmonization in planning implementing, operation and monitoring***

**That, in order to build sustainable aeronautical infrastructure and information systems, States/Organizations:**

- a) **take the appropriate measures and actions aimed at integrating their implementation programme/plans into Regional initiatives promoted by the framework of APIRG projects approach; and**
- b) **reinforce cooperation and harmonization in planning and speed up implementation, operation and monitoring of interconnected systems.**

2.3 In view of coordination for projects harmonization, the meeting agreed to establish a Project Team Coordinator Core Team tasked to develop the IIM Projects Master Plan, to track all the IIM Projects activities and provide periodic reports. The following decision was formulated:

***APIRG/23 Decision 23/24: Development of IIM Projects Master Plan***

**That, in order to facilitate IIM Projects planning implementation and monitoring, a Project Team Coordinator Core Team (South Africa, Cameroon, Cote d'Ivoire and Uganda) is established with the assistance of the Secretariat under the supervision of Chair and Vice Chair to develop the IIM Projects Master Plan by 31 July 2021; track all the IIM Projects activities and provide quarterly reports**

2.4 The meeting was informed of the status of implementation of the AFI navigation services Cyber safety and resilience project with 75 % of the project tasks defined in the initial planning completed.

2.5 An ICAO Regional workshop on Cyber Safety and Resilience for Air Navigation Systems with Tabletop Exercise was held at the ICAO Regional Office in Nairobi, Kenya from 3 to 5 December 2019, to foster a cyber-safety culture that promotes a resilient and secure cyberspace for ANS.

2.6 The meeting emphasized on the need to continue training of technical personnel to reinforce their capability in cyber securing ANS systems. The following Conclusion was formulated:

***APIRG/23 Conclusion 23/25: Cyber Safety and Resilience of the Air Navigation Systems***

**That, in order to reinforce States/Organizations technical personnel capability in cyber securing ANS systems, ICAO with the collaboration of the industry within the framework of the APIRG, increase its support in activities aimed at raising awareness of ANS Cyber safety and resilience through webinars/workshops/seminars on Cyber safety and resilience of ANS systems for the AFI Region.**

2.6 The meeting was informed about the ITU preparatory work plan for WRC-23 (4 topics & 19 agenda items), the outcome of the 1st ATU Preparatory Meeting for the WRC23 and noted the key lessons learnt from WRC-19, the work plan and leadership of ATU to WRC-23 and ATU strategic plan elements including ATU COVID-19 action as well as the outcome of the 10th ICAO Frequency Spectrum Management Panel Working Group (FSMP WG/10) meeting held from 17- 26 August 2020, to discuss the draft ICAO position for the International Telecommunication Union World Radio communication Conference 2023 (ITU WRC-23). In the framework of the preparation of ITU WRC-23 the following conclusions was formulated:

**APIRG/23 Conclusion 23/26: Preparation of ITU WRC-23**

**That, in order to promote ICAO Position and ensure the proper protection of aeronautical spectrum, States/Organizations:**

- a) **start the work for the preparation of WRC-23 as soon as the ICAO Position for ITU-WRC-23 Agenda Items on aeronautical spectrum requirements is made available to them; and**
- b) **based on the lessons learnt from the last WRCs, reinforce their collaboration with the sub Regional Association of National Regulators of Telecommunication and work closely with ATU.**

**3. ACTIONS BY THE MEETING**

3.1 The meeting is invited to:

- a) note the information provided in this working paper;
- b) review the APIRG/23 Conclusions/Decisions pertaining to CNS provided in this working paper and identify those that continue to be valid as well as actions to further facilitate their implementation; those that are no longer applicable (actions completed, covered by others, overtaken by events or otherwise redundant);
- c) review the formulation used in the Conclusions and Decisions which continue to be valid/relevant, and take other action as necessary in light of the discussion in this working paper, to facilitate implementation.

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