

INTERNATIONAL CIVIL AVIATION ORGANIZATION

**Fourth Meeting of the APIRG Infrastructure and Information Management Sub-Group (IIM/SG5)**

*(Virtual, 26-29 July 2022)*

**Agenda Item 3.1: Status of implementation of applicable ASBU elements**

**WP3.1C8 Summary of CNS Project Teams Achievements.**

IIM SG SPEC Project – Development of policies and systems to protect aeronautical spectrum.

*(Presented by Uganda)*

<b>SUMMARY</b>
<p>This paper presents the status of the spec project as at 30 June 2022 and includes challenges during the implementation of the project.</p> <p><b>Action by the meeting in paragraph 3</b></p>
<p><b>REFERENCE(S):</b></p> <ul style="list-style-type: none"> <li>▪ ICAO Annex 10 volume V</li> <li>▪ Global Air Navigation Plan (GANP)</li> <li>▪ Report of the 22nd Meeting of APIRG</li> <li>▪ Report of the 3rd and 4<sup>th</sup> meetings of APIRG IIM Subgroup</li> <li>▪ Terms of Reference for APIRG IIM Subgroup.</li> <li>▪</li> </ul>
<p><b>This working document relates to ICAO Strategic Objectives:</b> 1-safety, 2-Air navigation capacity, and 5-environmental protection.</p> <p><b>KPIs and concerned ASBU B0 Modules:</b> All applicable to AIM, CNS, and MET</p>

**1. INTRODUCTION**

1.1 The 21<sup>st</sup> APIRG meeting held in Nairobi in October 2017 endorsed the SPEC Project following development and approval by the 1<sup>st</sup> IIM meeting and the APIRG Projects Coordination Committee (APCC) in line with the Regional priorities and targets related to ICAO ASBU for the AFI region.

- 1.2 The SPEC project was established with the aim of developing Policies and Systems to protect the aeronautical spectrum.
- 1.3 The 3<sup>rd</sup> Infrastructure and Information Management Subgroup (IIM/SG/3) meeting held virtually from 12 to 14 October 2020 developed conclusion 3/3 that encouraged participation in the activities of APIRG IIM SG projects and conclusion 3/4 on the effective and efficient coordination of the IIM project activities. These conclusions were further endorsed by the 23<sup>rd</sup> meeting of APIRG held between 23 November and 2 December 2020 as Conclusion 23/17 and 23/18, respectively. The objective was to encourage AFI States to participate in the AFI APIRG Project actively.
- 1.4 The fourth infrastructure and information Management subgroup (IIM/SG/4) meeting held virtually from 31 August to 03 September 2021 developed draft decision 4/15 that encouraged project teams to identify the applicable modules of ASBU Block 1 for the AFI region, and Decision 4/16 that also encouraged aligning project references to the Sixth Edition of the GANP. These were adopted as decisions 24/30 and 24/31 of the APIRG/24 meeting held from 1 to 8 November 2021.

## **2. DISCUSSIONS**

- 2.1 The IIM Aeronautical frequency Management Project was established by the APIRG IIM subgroup meeting with the aim of developing policies and systems to protect the aeronautical spectrum. The project's deliverables are geared to ensuring that the regional's aeronautical frequency bands are free from harmful interference and any form of interference.
- 2.2 The project commenced its works in September 2020 with the initial conceptualization of the project's expected activities, which resulted in the following main objectives of the project.
  - a) To develop a resilient framework for the coordination of Aeronautical frequencies in the region.
  - b) To establish a forum and logical infrastructure for coordination of aeronautical frequencies with State regulators, sub-region, and regional frequency Management bodies.
  - c) To ensure states are conversant with developed ICAO tools on frequency management.
  - d) To establish a forum for coordination and support of ICAO positions for forthcoming WRC.
  - e) To carry out studies on effects on aeronautical frequency bands from adjacent bands.
- 2.3 The main challenge encountered during the implementation of this project is the availability and commitment of States through experts to the activities of the project.

2.4 The following table depicts a summary of the project's implementation status as of June 2022.

<b>No.</b>	<b>Task Description</b>	<b>Outcome</b>	<b>Remarks</b>
1	Project Coordination	ongoing	Virtual Meetings and mail correspondences
2	Description of Project	Done	Project Description Documentation
3	Planning of Project	Done	Project Organization Documentation
4	Determination of Project baseline	Partially Done	SPEC Questionnaire
5	Final Project Cost Estimation	Not Done	NIL
6	Reporting on Project Deliverables	ongoing	Assignment of tasks and responsibilities to team members

2.5 Details of project deliverables as of June 2022 are indicated in the attached appendix of this working paper.

### **3. ACTIONS BY THE MEETING**

- 3.1 The meeting is invited to:
- a) Note the Content of this working paper and the progress of the spectrum project.
  - b) Encourage States to participate in the spectrum project.

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