



ICAO

IIM/SG4 WP4.2H

INTERNATIONAL CIVIL AVIATION ORGANIZATION

Fourth Meeting of the APIRG Infrastructure and Information Management Sub-Group (IIM/SG4)

(Virtual, 31 August-3 September 2021)

Agenda Item 4.2: Aeronautical Communication, Navigation, Surveillance and Spectrum (CNS) Infrastructure Projects

WP4.2H - Update on Aeronautical Frequency Management Project-SPEC Project.

(Presented by Uganda-SPEC Project Coordinator)

SUMMARY

This paper presents the progress attained by the spectrum project since the last update delivered during the third meeting of the APIRG Infrastructure and Information Management Subgroup (IIM/SG/3) held from 12 to 14 October 2020. This project aims at ensuring that the Aeronautical Frequency Spectrum is free from harmful interference. In its last meeting held on 14 April 2021, the Project Initiation Documentation, which included the Project Description, Project Organization, and Project Terms of Reference (TORs) were adopted. Furthermore, various tasks were shared with the new team members as adopted in the meeting.

Action by the meeting in paragraph 3

REFERENCE(S):

- Report of the 22nd Meeting of APIRG
- Report of the 3rd meeting of APIRG IIM Subgroup
- Terms of Reference for APIRG IIM Subgroup.
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This working document relates to ICAO Strategic Objectives: 1, 2 and 5

KPIS and concerned ASBU B0 Modules: All applicable to AIM, CNS, and MET

1. INTRODUCTION

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

- 1.2 APIRG IIM's SPEC project was established with the aim of developing policies and Systems to protect the aeronautical spectrum.
- 1.3 APIRG's third Infrastructure and Information Management Subgroup (IIM/SG/3) meeting which was held virtually from 12 to 14 October 2020 developed two pertinent conclusions amongst others. 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 23rd 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 actively participate in the AFI APIRG Project.

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 carryout studies on effects on aeronautical frequency bands from adjacent bands.
- 2.3 The first presentation of the works of the SPEC Project was made during the IIM/SG3 meeting held virtually in October 2020. The main challenge faced was the availability of experts to facilitate the project activities. The IIM/SG3 meeting thus endorsed decision 3/14 regarding the submission of expert names for the SPEC project to facilitate its activities.
- 2.4 In line with the APIRG 23 conclusion 23/18, the SPEC Project questionnaire was developed and uploaded on the ICAO WACAF and ESAF websites for States to populate. States are encouraged to visit the website and fill in the SPEC Questionnaire as soon as possible to enable the team establish a suitable baseline.

2.5 On 26 April 2021, the Second Meeting of the SPEC project was held virtually, and 14 participants attended. The SPEC Project team members adopted the project initiation documentation (PID). The PID includes the Project Description, the Project Terms of Reference, and the Project Organization documentation.

2.6 The following table depicts a summary of the implementation status of the project.

No.	Task Description	Outcome	Remarks
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

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 fill the Questionnaire associated with the project.

3.2 **Draft Conclusion /Decision 4/xx : Title of Conclusion/Decision**

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