

AFI Regional Workshop on Spectrum Management 4 – 5 March 2026



AFI AVIATION SPECTRUM COORDINATION AND PROTECTION INITIATIVE

**INTERNATIONAL
CIVIL AVIATION
ORGANIZATION**

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Outline

01 Introduction

Background

Reframed project

02 Discussion

Scope of initial project

Workplan and Actions conducted

Challenges

01

Introduction

1.1 Background

1.2 Reframed
project



Spec Project

The initial Spec project- Aeronautical Frequency Management Project established under IIM/SG 1 due to challenges identified in Region



Purpose : Development of policies, systems to protect Aeronautical Spectrum



Project initiation documentation structure for IIM project (Project Description, Project Organization, TORs, Project Linkages and Questionnaires)

Objectives



- ✓ Development of a resilient framework for coordination of Aeronautical frequencies.
- ✓ Establish a forum and logical infrastructure to coordinate aeronautical frequencies with States regulators, sub regional and regional management bodies.
- ✓ Ensure states are conversant with ICAO tools on frequency management
- ✓ Establish a forum for coordination and support of ICAO positions to WRC
- ✓ Undertake studies on the effect of possible interference to aeronautical bands

1. Introduction

1.2 AFI SPECTRA Project



- Due to Implementation Challenges, Project reframed to AFI Aviation Spectrum Coordination and Protection Initiative (AFI Spectra)



- **Main Objective:**

- To enhance the capacity of AFI states and regional bodies to coordinate, manage, and protect aviation spectrum effectively, ensuring safe and uninterrupted ANS operations.



- Project Setup underway with Regional offices (ESAF and WACAF) currently selecting the membership for the setup through requests from states for commitment of experts by submission of CVs (deadline 28/02/2026).

- Project launch expected in March 2026

02

Discussion

2.1 Scope of initial project

2.2 Workplan and Actions conducted

2.3 Challenges



2. Discussion

 **AFI SPECTRA Project - « AFI Aviation Spectrum Coordination & Protection Initiative »**



Project Objective

Enhance AFI States' capacity to coordinate, manage, and protect aviation spectrum, ensuring safe and uninterrupted ANS operations (ESAF and WACAF Regions)

Scope

Maintaining , identifying and protection of all aeronautical bands and other frequencies key to the safe and secure operations aeronautical telecommunication and avionic facilities and systems in line with ICAO's long-term vision to ensure continuity and harmonization of international civil aviation.

Main Deliverables

- MoU Template (CAA–Regulator)
- Frequency assignment & interference procedures
- GNSS RFI reporting mechanism
- Workshops on Doc 9718, Frequency Finder, WRC-27
- Regional forum for all Spectrum related aspects

Actions conducted

Task description	Priority	SPEC Project implementation Highlights
Project coordination	A	✓ Quarterly engagements planned
Description of Project	A	✓ project description documentation developed
Planning of Projects	A	✓ Project Organization documentation developed ✓ Terms of Reference (TOR) of SPEC Project developed

Actions conducted

Task description	Priority	SPEC Project implementation Highlights
Determination of Project Base line	A	✓ Questionnaire was developed and shared with All AFI states
Final Project Cost Estimation	B	✓ Developed and was submitted to Regional Offices/ APRIGs
Development of MOU template between CAA and Frequency regulators	C	✓ Draft was available awaiting adoption by States

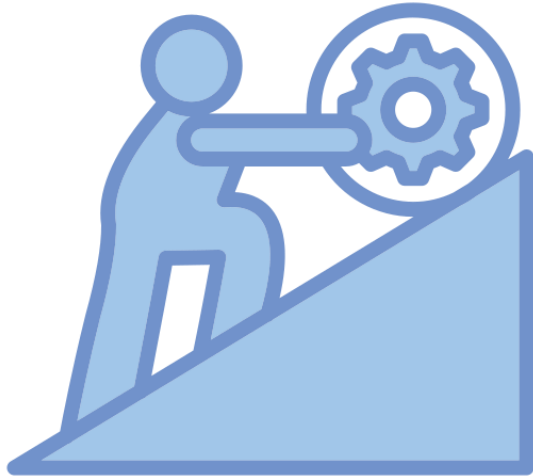
Actions conducted

Task description	Priority	SPEC Project implementation Highlights
Studies and engagement on requirement for Aeronautical frequency protection	B	<ul style="list-style-type: none">✓ Position on effects of 5G operations in the adjacent bands to aeronautical frequencies✓ Review of actual decisions from WRC-23 visa vie AFI utilization of aeronautical frequencies✓ Webinar on potential safety concerns to radio altimeters✓ Regional workshop on ICAO position to WRC-27 for AFI states✓ Present Justification on position of ICAO on WRC-27 Agenda to ATU members.

Actions conducted

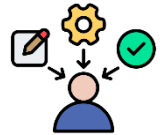
Task description	Priority	SPEC Project implementation Highlights
Conducting of workshop on ICAO 9718 and Frequency finding tool	B	✓ Conducted in 2023 by Head office in collaboration with ESAF and WACAF

2. Discussion



Challenges

- Availability of nominated Contact Points/ Project Members from States
- Response and commitment from States
- Budgetary constraints



2. Discussion

The Way Forward for the Spectrum Project

- Members nominated to submit commitment to ICAO secretariat
- Continuous review of participation



Thank You

