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INTERNATIONAL CIVIL AVIATION ORGANIZATION

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*Workshop on the Implementation of
Amendment 82 to Annex 3 to Chicago
Convention and the PANS-MET*

(Praia, Cabo Verde, 30 March – 3 April 2026)



Session 6: Development of a roadmap for the implementation of Amendment 82 and the PANS-MET

PPT6.1. Developing a Roadmap for the Implementation of Amendment 82 to Annex 3 to the Chicago Convention.

ICAO, WACAF Office

Overview

01 Introduction

02 Elaboration de la
feuille de route

03 Activité pratique

Introduction

- Amendment 82 resulted in a restructuring of Annex 3 to retain in ANNEX 3 the provisions containing “REQUIREMENTS” and to transfer provisions related to “MEANS OF COMPLIANCE” to the new Procedures for Air Navigation Services – Meteorology (PANS-MET, Doc 10157).
- Adopted on 2 April 2025 by the Council, Amendment 82 aims to facilitate the transition to a data-centric environment, better address evolving future requirements, and clarify the responsibilities of authorities within States.
- The implementation of the provisions of AMD 82 and the PANS-MET could be facilitated through an adoption of **a roadmap to guide coordinated and harmonized implementation across the region.**

Development of the roadmap for implementing Amendment 82 to Annex 3

Step 0 – Preparation and Framing

Activities/Tasks

- Designate a **project team**.
- **Collect and disseminate reference documents:** Amendment 82, restructured Annex 3, PANS-MET (Doc 10157), Annex 3 (21st edition).
- **Define the objective:** target date for regulatory and operational alignment.

Deliverables

- Official composition of the MET **working team**
- **Implementation schedule** for the project development.

Development of the roadmap for implementing Amendment 82 to Annex 3

Step 1 – Analysis of the existing situation and identification of gaps

Activities/Tasks

- Map the current national framework: MET regulations, national guidance material, operational procedures.
- **Compare existing regulations and practices with the new requirements** of the restructured Annex 3 and the PANS-MET.
- **Conduct a “gap” analysis** (gap matrix): compliance, partial compliance, non-compliance, not applicable..

Deliverables

- **Gap Analysis Report.**
- **Prioritized** list of unmet requirements.

Step 2 – Review/Drafting of Regulatory Texts

Activities/Tasks

- Identify texts **to update or create**: MET regulations, circulars, technical guides.
- Draft proposals incorporating:
 - ◊ **References to Amendment 82**, Annex 3 (new structure), and PANS-MET.
 - ◊ **MET provider obligations**, competency requirements, QMS, interoperability, and data exchange.
- Conduct **targeted consultation**: with ANSPs and operators.
- **Finalize and adopt texts**: obtain signatures and publish in the Official Journal or official bulletin.

Deliverables

- New MET Regulation / **Amendments adopted**.
- Regulatory framework **harmonized with ICAO**.

Step 3 – Operational and technical upgrade

Activities/Tasks

- Define a system upgrade plan:
 - ◇ Generation and dissemination of MET information according to **PANS-MET procedures and IWXXM format**.
 - ◇ **Adaptation of procedures** for SIGMET production, volcanic ash advisories, space weather, etc.
- **Establish or strengthen a MET Quality Management System (QMS)** in accordance with the new provisions of Annex 3.

Deliverables

- Plan for the **modernization of MET systems and infrastructures**.
- **Revised MET Operating Procedures**.

Step 4 – Training, capacity building and regional cooperation

Activities/Tasks

- Develop a training plan, targeting forecasters, MET managers, MET inspectors, IT staff, ATM/AIM Staff, etc..
- Establish cooperation mechanisms: sharing of tools, manuals, twinning between States, networks of State focal points

Deliverables

- Multi-year national training plan.
- Formalized or consolidated regional agreements/partnerships.

Step 5 – Oversight, monitoring and continuous improvement

Activities/Tasks

- **Integrate the requirements of Amendment 82 and the PANS-MET** into the Authority's safety oversight program: inspections, audits, and continuous monitoring.
- **Define MET performance indicators:** product availability and quality, dissemination timeliness, compliance with formats, QMS audit results.
- Plan an **annual review of implementation and regularly update regulations and procedures** in line with future ICAO developments.

Deliverables

- **Updated MET monitoring program.**
- **Annual compliance reports and corrective action plans.**

Activity

Description

- The group work carried out during Session 5 helped identify the technical, institutional, and human challenges related to the implementation of Amendment 82 and the new PANS-MET.

Tasks :

- Leverage the results of the aforementioned work to propose a roadmap for the implementation of Amendment 82 and the new PANS-MET.
- The attached form could be used for this purpose.



Roadmap
Template



Thank You!