



## INTERNATIONAL CIVIL AVIATION ORGANIZATION

Seventh Meeting of the APIRG Infrastructure and Information Management Sub-Group  
(IIM/SG7)*Dakar, Senegal, 5 - 8 August 2024***Agenda Item 3 : Achievements in Infrastructure and Information Management****3.3. Implementation of ASBU elements and Achievements of IIM Projects****WP3.3N Progress report of the APIRG IIM MET Project 4***(Presented by MET Project 4 PTC)*

SUMMARY
<p>This working paper outlines the progress report on the implementation of the APIRG/25 Decision 25/15 on Adoption of Meteorology (MET) Project 4. It highlights the different project concept and Terms of Reference for consideration by the meeting. It also includes the project initiation documents for approval by the meeting.</p> <p><b>Action by the meeting is in paragraph 3;</b></p>
<p><b>REFERENCE(S):</b></p> <ul style="list-style-type: none"><li>▪ APIRG/25 Decision 25/15; Adoption of IIMSG MET Project 4 and MET Project 5</li><li>▪ Doc 9750, <i>Global Air Navigation Plan</i></li><li>▪ Doc 8896–Manual of Aeronautical Meteorological Practice ;</li><li>▪ WMO No. 1209, <i>Compendium of WMO Competency Frameworks for Meteorological Personnel</i></li><li>▪ ICAO State Letter reference ES AN 1/6 - 0336</li><li>▪ IIM/SG Sixth Meeting Report,</li></ul>
<p>Related <b>ICAO Strategic Objectives:</b> A - <i>Aviation Safety</i>; B - <i>Air Navigation Capacity and Efficiency</i></p>

**1. INTRODUCTION**

1.1 The Africa-Indian Ocean (AFI) Planning and Implementation Regional Group (APIRG) during its twenty-**fifth** meeting (APIRG25), adopted APIRG25 Decision 25/15 on establishment of a **MET Project 4 Implementation of Aeronautical Meteorological Personnel Competency Standards in the AFI Region** under its Information and Infrastructure Management Sub-Group (IIMSG). The main objectives of the Project being:

- a) Complying with the requirements of the World Meteorological Organization (WMO) in respect of qualifications, competencies, education and training of meteorological personnel providing service for international air navigation.

- b) Implementing a competency assessment process for Aeronautical Meteorological Forecasters (AMF) and Aeronautical Meteorological Observers (AMO).
- 1.2 The project is coordinated by an expert provided by Uganda. The list of nominated experts serving the are from several States and Organizations, Uganda, Benin, Equatorial Guinea, Senegal, Togo, ASECNA, Mauritania, Rwanda and Tanzania.
- 1.3 Since the inception of the project in June 2023, several virtual meetings have been conducted to discuss various aspects of project activities.

## **2. DISCUSSIONS**

### ***Key achievements and activities of the Project accomplished include:***

- 2.1 Gap Analysis: Project Questionnaire to determine the status of implementation of Meteorological personnel competency standard, Gaps analysis and development implementation Action Plan was prepared and sent out to States through State Letter ES AN 1/6 – 0336 dated 04 July 2024. The outcome of the gap analysis will be reported in subsequent meeting. The questionnaire is divided in two parts:
- Part 1 - assessing implementation of competency standard for Aeronautical Meteorological Forecasters (AMF).
  - Part 2 - assessing implementation of competency standard for Aeronautical Meteorological Observers (AMO).
- 2.2 Feedback on the Questionnaires is being received from States and currently, the following States have completed both Part 1 (AMF) and Part 2 (AMO) of the Questionnaires, and these include Angola, Djibouti, Eswatini, Ethiopia, Kenya, Mauritius Seychelles, Uganda, Zambia and Zimbabwe.
- 2.3 Sensitization of States:
- i) Virtual workshop to raise awareness on aeronautical meteorology personnel competency standards for AFI States was conducted on 23 November 2023. This was a successful sensitization workshop, where 19 States and One Organisation (ASECNA) participated.
  - ii) The Project PTC made a presentation on IIM MET Project 4 activities during the ESAF In-Person Regional Aeronautical Meteorological Seminar that was hosted by Namibia in June 2024.
  - iii) In accordance with APIRG25 Decision 25/15, the Project Team will take appropriate actions to assist States to meet the aeronautical meteorology personnel competency standards requirement through raising awareness and capacity building on the personnel competency standards among the States.

### ***Status of implementation of ASBU elements in the scope of the project.***

- 2.4 The MET Project 4 is addressing competencies requirements, including the competencies that may be required by the implementation of ASBU AMET applicable elements.

### ***Implementation challenges***

- 2.5 The main challenge is participation in Project meetings and the low number of States participating in regional sensitization workshops that implies that objective of creating awareness among all States is not effectively realised.

### ***Conclusion***

- 2.6 Annex 3 to Chicago Convention (Meteorological Service to International Air Navigation) prescribes that each Contracting State shall ensure that the designated meteorological authority complies with the requirements of the World Meteorological Organization (WMO) in respect of qualifications, competencies, education, and training of meteorological personnel providing service for international air navigation. However, a number of States in the AFI Region have not yet implemented the competency

standards for aeronautical meteorological personnel and have not put in place a mechanism to assess the competencies of their aeronautical meteorological personnel. Therefore, IIM SG MET Project 4 shall provide assistance and guidelines to AFI Region States to ensure effective implementation of aeronautical meteorological personnel competency standards.

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

3.1 The meeting is invited to :

- a) take note of the information presented in this paper.
- b) recognise the status of implementation of IIM/SG MET Project 4 arising out of APIRG25 Decision 25/15.
- c) Encourage:
  - concerned States and Organizations take appropriate actions to continue supporting their nominated experts appointed to MET Project 4;
  - Nominated Team members to continue participating in the activities of MET project 4; and
  - States to respond to project questionnaires sent out to States by ICAO Secretariat in State Letter ES AN 1/6 – 0336 dated 04 July 2024.

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