



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***WP3.3I Updates on APIRG IIM/SG regional Projects - AIM Project 4 and AIM Project 5**

(Presented by the Secretariat)

SUMMARY
<p>This working paper presents an update on the AIM Project 4 and AIM Project 5, recalling the challenges faced in setting-up the project team, and propose a way forward.</p> <p>Action by the meeting in paragraph 3</p>
<p>REFERENCE(S):</p> <ul style="list-style-type: none">▪ Report of the APIRG/25 meeting▪ Report of the APIRG/26 meeting
<p>This working document relates to ICAO Strategic Objectives:</p> <p>B – Air Navigation Capacity and Efficiency</p>

1. INTRODUCTION

- 1.1 IIM/SG AIM Project 4 and Project 5 was adopted by the 25th meeting of APIRG respectively for the Monitoring of Aeronautical information quality and Improvement of NOTAM, and for supporting the Implementation of Aerodrome mapping data sets and Instrument flight procedure data sets.
- 1.2 The APIRG/26 meeting noted challenges faced in the composition of the project's teams including the lack of expertise in the field of Flight procedure design and Aeronautical charting, which are essential for the successful implementation of Instrument flight procedure datasets and Aerodrome mapping datasets.

2. DISCUSSIONS

- 2.1 The APIRG/26 meeting requested the Secretariat to circulate to States and Organizations the required criteria for the nomination of Experts to both projects' teams. Therefore, it is necessary to define the criteria for assessing the applications of experts. Even though the Secretariat is responsible for analyzing the files of applicants, it is advisable that the said required criteria be agreed upon by the Subgroup.

2.2 In view of ensuring effectiveness in the conduct of the AIM Project 4 and AIM Project 5, the meeting may wish to discuss and agree on the following criteria for the nomination of Experts:

a) Required criteria for the selection of AIM Project 4 experts

The project team members shall possess expertise needed to support the *Monitoring of Aeronautical information quality and the Improvement of NOTAM*. This includes:

- i. experience and good knowledge of ICAO standards and recommend practices, and procedures related to AIM,
- ii. experience in State AIM inspectorate,
- iii. experience in producing aeronautical information products, including AIP, AIP Amendment, AIP Supplement, AIC, NOTAM, Charts, as well as in handling users feedbacks on the delivered products,
- iv. experience in using aeronautical information products for data encoding or for air operations,
- v. experience in Quality Management System applied to AIM.

b) Required criteria for the selection of AIM Project 5 experts

The project team members shall possess expertise needed to support the *Implementation of Aerodrome mapping data sets and Instrument flight procedure data sets*. This includes:

- i. experience and good knowledge of ICAO standards and recommended practices related to AIM, Aerodrome mapping, and Instrument Flight Procedure Design (IFPD),
- ii. experience in State AIM and PANS-OPS inspectorate,
- iii. good knowledge of the Aeronautical conceptual model (AICM), the Aeronautical information exchange model (AIXM) and the Geographic markup language (GML),
- iv. experience in managing AIXM database and AIXM data sets,
- v. experience in designing and encoding Instrument Flight Procedures,
- vi. experience in designing Aeronautical Charts,
- vii. experience in writing technical specifications for the conduct of WGS-84 surveys, as well as for the acquisition of IT systems,
- viii. experience in utilizing Geographic Information Systems (GIS).

3. ACTIONS BY THE MEETING

3.1 The meeting is invited to:

- a) Take note of the information provided in this paper,
- b) Discuss and agree on the proposed criteria for nomination of experts to the projects AIM 4 and AIM 5, and
- c) Direct the Secretariat to circulate the agreed criteria to States and Organizations in line with the APIRG/26 instruction.

3.2 **Draft decision**

IIM/SG7 Decision 7/xx: Criteria for the selection of Experts to the AIM 4 and AIM 5 projects teams					
That;					
Why:	<i>To set up the projects' teams of AIM Project 4 and AIM Project 5,</i>				
What:	<i>a) The criteria for the selection of Experts are adopted, b) The Secretariat to circulate the criteria to States and Organizations for the nomination of Experts to both AIM 4 and AIM 5 Projects</i>				
Who:	<i>Secretariat</i>				
When:	<i>30 October 2024</i>				
Implementation following-up					
Follow-up required	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	Metrics	Criteria circulated	Means to collect data on the implementation of the conclusion /decision	State Letter

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