

INTERNATIONAL CIVIL AVIATION ORGANIZATION

**Fifth Meeting of the APIRG Infrastructure and Information Management Sub-Group
(IIM/SG5)**

(Virtual, from 26 – 29 July 2022)

Agenda Item 3.1: Status of implementation of applicable ASBU elements

WP3.1B4 Reframing of AIM Projects activities in accordance with the GANP

(Presented by the secretariat)

SUMMARY
<p>This working paper outlines the reframing of AIM projects activities in line with the provisions of the sixth edition of the Global air navigation plan (GANP). This reframing includes the assessment for closure of the current AIM projects and the need for opening new ones aiming to assist States in implementing the applicable ASBU elements that are yet to be covered under the APIRG project approach.</p> <p>Action by the meeting in paragraph 3</p>
<p>REFERENCE(S):</p> <ul style="list-style-type: none"> ▪ Report of the twentieth meeting of APIRG ▪ Report of the twenty-second meeting of APIRG ▪ Report of the twenty-third meeting of APIRG ▪ Report of the twenty-fourth meeting of APIRG ▪ Report of the twenty-second meeting of the AFI Plan steering committee ▪ Global air navigation plan (GANP)
<p>This working document relates to ICAO Strategic Objectives: Safety, Air navigation capacity and efficiency</p> <p>KPIS and concerned ASBU Modules: DAIM-B1</p>

1. INTRODUCTION

- 1.1 The twentieth meeting of APIRG was held from 30 November to 2 December 2015 in Yamoussoukro, Cote d'Ivoire. Having recalled the necessity of identifying projects to carry out the work of the Sub-Groups of APIRG, the meeting adopted the initial set of projects identified by the Sub-groups, including the following ones:
- a. AFI AIM/1 - Assessment and development of QMS applied to AIM in AFI States, from 1/6/2015 to **1/06/2016**
 - b. AFI AIM/2: Implementation of Aeronautical Information Exchange Systems (AIXM), from 1/6/2015 to **31/12/2016**
 - c. AFI AIM/3 - Implementation of the provision of electronic terrain and obstacle data (e-TOD), from 1/6/2015 to **31/12/2017**

- 1.2 The twenty-second meeting of APIRG held from 29 July to 2 August 2019 in Accra, Ghana, noted with concern, the low pace of participation of Administrations/Organizations in the activities of the IIM Projects, including the projects in AIM.
- 1.3 Furthermore, the twenty third meeting stressed concern on the low pace of participation of project team members to the activities of the projects and noted the lack of response to Project Team Coordinator (PTC) requests for project coordination. States were encouraged to confirm their nominees and assess the expertise, availability, commitment, and participation as Project team members.
- 1.4 The twenty-fourth meeting of APIRG held virtually from 1 to 8 November 2021, taking note of the important changes introduced through the 6th edition of the GANP, identified the need for the AFI Region to align the Regional air navigation plan to the GANP. Consequently, the Project teams were requested to align their Project references with the ASBU groups, threads, and elements.

2. DISCUSSIONS

- 2.1 Since the adoption of the three AIM projects by APIRG/20, two of the projects' teams endeavored to start their work. However, many challenges were encountered, impacting the level of progress. Some coordination challenges were noted for the third project, AIM/3 related to TOD implementation.
- 2.2 The meeting may note that the three AIM projects have not advanced so far as expected. For an effective implementation of AIM provisions by AFI States, the project "AIM Results-Based Implementation Support (RBIS) for the AFI Region" has been initiated in 2019, under the Comprehensive regional implementation plan for aviation safety in Africa (AFI Plan), to expedite the support to States in implementing QMS, AIXM and e-TOD.
- 2.3 Slowed down by the COVID-19 pandemic, the AIM RBIS project has now resumed and is in good progress. Initially meant to complement the current three IIM AIM projects, the AIM RBIS has been reframed to fully cover their deliverables. The meeting may agree that since these deliverables will be achieved by the AIM RBIS, it is no more relevant to keep the current three AIM projects under the IIM activities and decide the termination of the concerned Projects teams activities to avoid some duplications of efforts.
- 2.4 In the framework of the alignment of the Regional air navigation plan to the 6th edition of the GANP, the secretariat has assessed the applicability of AIM related ASBU elements to the region. This assessment, presented through the **WP3.1A1**, identified the following element as applicable:
 - a. DAIM - B1/1 - Provision of quality-assured aeronautical data and information
 - b. DAIM - B1/2 - Provision of digital Aeronautical Information Publication (AIP) data sets
 - c. DAIM - B1/3 - Provision of digital terrain data sets
 - d. DAIM - B1/4 - Provision of digital obstacle data sets
 - e. DAIM - B1/5 - Provision of digital aerodrome mapping data sets
 - f. DAIM - B1/6 - Provision of digital instrument flight procedure data sets
 - g. DAIM - B1/7 - NOTAM improvements

- 2.5 The assessment also included the coverage of each applicable ASBU element by a project to facilitate its implementation. The AIM RBIS project, through the implementation support of QMS, AIXM and e-TOD, covers partially the element DAIM-B1/1 and fully the elements DAIM-B1/2, DAIM-B1/3 and DAIM-B1/4. For the remaining elements, it is proposed to open the following new projects as described in **Appendices 1 and 2** to this working paper:
- a. *AFI AIM/4 – Monitoring of the Aeronautical information quality*, to cover elements DAIM-B1/1 and DAIM-B1/7, from 1/12/2022 to **31/12/2024**
 - b. *AFI AIM/5: Implementation of Aeronautical data sets*, to cover elements DAIM-B1/5 and DAIM-B1/6, from 1/12/2022 to **31/12/2024**

3. ACTIONS BY THE MEETING

- 3.1 The meeting is invited to:
- a. Take note of the information provided in this paper,
 - b. Consider both draft decisions bellow on the termination of the activities of the IIM Projects teams working on the current three AIM projects and the adoption of new projects.
- 3.2 **Draft Decision 5/xx: Termination of the IIM projects teams activities on AIM/1, AIM/2 and AIM/3**

That;

Taking note of the reframing of the AFI Plan project “AIM Results-Based Implementation Support (RBIS) for the AFI Region” to cover the deliverables of following AIM projects and in view of avoiding duplication of efforts, the activities of the IIM projects teams working the said projects are terminated:

- a. *AFI AIM/1 - Assessment and development of QMS applied to AIM in AFI States,*
- b. *AFI AIM/2: Implementation of Aeronautical Information Exchange Systems (AIXM),*
- c. *AFI AIM/3 - Implementation of the provision of electronic terrain and obstacle data (e-TOD).*

3.3 **Draft Decision 5/xx: Adoption of the projects AIM/4 and AIM/5**

That;

To assist AFI States in the improvement of Aeronautical information quality, and the implementation of aerodrome mapping and instrument flight procedure data sets, the following AIM projects, as described in appendices A and B, are adopted:

- a. *AFI AIM/4 – Monitoring of Aeronautical information quality*
- b. *AFI AIM/5: Implementation of Aeronautical data sets.*

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