



**Twenty First Meeting of the Africa-Indian Ocean Planning and Implementation Regional Group
(APIRG/21)
(Nairobi, Kenya, 9 – 11 October 2017)**

Agenda Item 3: Performance Framework for Regional Air Navigation Planning and Implementation

3.3.2 OUTCOME OF THE FIRST APIRG INFRASTRUCTURE AND INFORMATION MANAGEMENT SUB-GROUP (IIM/SG/1) - AIM

(Presented by Secretariat)

SUMMARY
<p>This paper presents the outcome of the First meeting of the APIRG Infrastructure and Information Management Sub-group (IIM SG/1) including the future actions planned to be conducted for the operationalization of the AIM Part of the Sub-Group. All ASBU KPIs & B0 Modules in this paper are related to AIM.</p> <p>Action by the meeting is at paragraph 3:</p>
<p>REFERENCE(S):</p> <ul style="list-style-type: none"> <input type="checkbox"/> Doc 9750, <i>Global Air Navigation Plan</i> <input type="checkbox"/> Doc 7474, <i>Air Navigation Plan — Africa-Indian Ocean Region</i> <input type="checkbox"/> Report on the First meeting of the APIRG Infrastructure and Information Management Sub Group APIRG IIM SG/1
<p>Related ICAO Strategic Objective(s): A – <i>Safety</i>, B – <i>Air Navigation Capacity and Efficiency</i>, D – <i>Economic Development of Air Transport</i>, and E – <i>Environmental Protection</i>.</p>

1. INTRODUCTION

1.1 The First meeting of the APIRG Infrastructure and Information Management Sub-Group (IIM/SG/1) was held from 27 to 30 June 2017 at the United Nation Complex in Gigiri, Nairobi and was hosted by the ICAO Regional Office for Eastern and Southern Africa (ESAF) in Kenya, with the main objective inter alia to:

- a) review the recent developments in the ICAO Global Air Navigation Plan (GANP) (Doc 9750 5th Ed.) and Aviation Systems Block Upgrades (ASBU) Methodology, as well as the AFI Air Navigation Plan (Doc 7474) and the AFI Plan of Action for the implementation of the ICAO ASBU Block 0 Modules;

- b) review the outcome of the APIRG/20 meeting (held in Yamoussoukro , Côte d’Ivoire from 30 November to 2 December 2015) pertaining to the areas of Aeronautical Information Management (AIM), Aeronautical Communication Navigation Surveillance and Spectrum (CNS) and Aeronautical Meteorology (MET);
- c) Review the conclusions/decisions of the meeting for the establishment of the APIRG IIM/SG and the report of the first meeting of the APIRG Projects Coordination Committee (APCC/1);
- d) Consider the AFI Air Navigation Priorities/Targets and the Projects Approach adopted by APIRG to identify and plan Regional Projects in the above mentioned fields (AIM, CNS, MET), to be implemented based on the ICAO ASBU prioritized related modules selected by the AFI Region;
- e) Finalize IIM regional projects, establish balanced IIM Projects Teams in the spirit of “*No country Left Behind*” and identify IIM Project Teams Coordinators (PTCs) tasked to ensure an effective coordinated planning, implementation, operation and monitoring of the regional projects; and
- f) Identify a set of Indicators and Metrics for the Regional Air Navigation reporting and Air Navigation Dashboard in the areas related to IIM.

2. DISCUSSION

Aeronautical Information Management

2.1 The meeting reviewed the Conclusions/Decisions for the Establishment of the APIRG Infrastructure and Information Sub-Group (IIM/SG) held in Dakar from 28 to 30 November 2016 and those emanating from the First meeting of the APIRG Projects Coordination Committee (APCC/1) held in Nairobi from 30 to 31 January 2017.

2.2 The meeting discussed the Aeronautical Information Requirements in support of ATM Provision, the recent developments in the ICAO Global Air Navigation Plan (GANP), Doc 9750 and Aviation Systems Block Upgrades (ASBU) Methodology, as well as the ASBU requirements in the New AFI Air Navigation Plan.

2.3 The meeting noted the AFI Plan of Action for the implementation of the ICAO ASBU Block 0 Modules as per **Appendix 8A**, under Special excel sheets in support of the collection of data, methodology for reporting and assessing the progress related to the transition from AIS to AIM listed in **Appendix 8B** and the Summary Report of the Global IFAIMA Conference in **Appendix 8C**. .

2.4 The APIRG IIM SG reviewed and updated the proposals for inclusion of the dynamic material constituted by the AIS/AIM facilities and services required for international air navigation to be contained in the AFI e-ANP Volume III at **Appendix 8D** to this working paper and highlighted the contents of Draft Volumes III of the AFI e-ANP to be implemented by States.

Planning and Implementation of the of the AFI Regional Aeronautical Information Management Projects

2.5 The IMSG/1 meeting reviewed the AIM project description and finalized the Project Teams with the identification of additional members and assignment of Project Teams Coordinators (PTCs) in accordance with the provision of the APIRG Procedural Handbook.

2.6 The first project is on the *Assessment and Development of QMS applied to AIM in AFI States (IMSG AIM Project.1)*, aimed at implementing guidance materials applicable to the quality management system in a digital/electronic AIM environment in the AFI Region by:

- a) Assessment and identification of implementation levels associated to quality management in AIM services; and
- b) Drafting of an action plan and guides for the implementation of QMS in a digital/electronic AIM environment.

2.7 The second project is on the implementation of Aeronautical Information Exchange Systems (AIXM) (*IMSG AIM Project.2*) related to the *Implementation of Aeronautical Information Exchange Systems (AIXM)* in the AFI Region, consisting of:

- a) Evaluating and identifying of automation levels associated to the integration of the aeronautical information and data exchange model in the Region; and
- b) Surveys, identification of database providers, and the follow-up on the development of SARPs and guidance materials on this matter.

2.8 The third project is on the Implementation of the provision of electronic terrain and obstacle data (e-TOD) (*IMSG AIM Project.3*) related to:

- a) Support to the implementation of the provision of e-TOD by AFI States; and
- b) Provide guidance to States on GIS acquisition and management

2.9 The meeting developed project description documents (Appendices B.3 to B.5 to IMSG/1 report), established Project Teams with nominated Project Teams Coordinators (PTCS) (Appendices C.3 to C.5 to IMSG/1 report). In this regard, the meeting endorsed the proposed AIM Projects and proposed the following Draft Decision:

DRAFT DECISION 21/XX: AIM PROJECTS IN THE AFI REGION

That,

- a) the revised AIM Projects in the AFI Region at (Appendices B.3 to B.5 to IIMSG/1 report) submitted to the IIM/SG/1 Meeting for planning and implementation, be endorsed by APIRG, and**
- b) the AIM Projects be extended for the period 2017-2019**

Air Navigation Deficiencies in the AIM field

2.10 Whilst reviewing the list of deficiencies in the Aeronautical Information Management (AIM) field listed in **Appendix 8E**, to be revised and updated by States, the meeting was informed that the AANDD is now in a test phase based on the User Guidelines developed for the MID MANDD. Currently the AANDD for the AFI Region is under development and States will be provided access codes in due course.

2.11 Hereunder is the link to the AANDD site. : <http://196.204.197.120/>

3. ACTION BY THE MEETING

3.1 The meeting is invited to:

- a) Take note of the information presented in this working paper, highlighting the work achieved by the First meeting of the APIRG IIM/SG;
- b) Note the Report on the Outcome of the APIRG IIM/SG1 Meeting – Aeronautical Information Management (AIM);
- c) Consider the remaining tasks identified by the AIM Part of the IIM/SG1 and take necessary action on the conclusions/decisions; and
- d) Urge States and organizations to undertake and conduct the appropriate actions aimed at operationalizing the AIM Part of the APIRG IIM/SG.

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