



International Civil Aviation Organization

Fifth Meeting of MIDANPIRG AIM Sub-Group

AIM SG/5
(Cairo, Egypt, 22-24 January 2019)

Agenda Item 5: AIM Planning and Implementation in the MID Region

MID REGION AIM IMPLEMENTATION ROADMAP

(Presented by the Secretariat)

SUMMARY

This paper presents the MID Region AIM Implementation Roadmap, for review and update by the AIM SG.

Action by the meeting is at paragraph 3.

REFERENCES

- AIM SG/3 Report
- MSG/6 Report

1. INTRODUCTION

1.1 The MSG/5 meeting, through MSG Conclusion 5/10, urged States to take into consideration the “MID Region AIM implementation Roadmap” in planning for the transition from AIS to AIM in a prioritized manner; and provide the ICAO MID Regional Office with their updated National AIM Implementation Roadmap on an annual basis (by end of December).

2. DISCUSSION

2.1 The meeting may wish to recall that the AIM SG/3 meeting reviewed the MID Region AIM Roadmap and agreed that some AIM Phase3 steps should be included in the Roadmap. The meeting also updated timelines of the Roadmap, as at **Appendix A**.

2.2 The MSG/6 meeting noted that, with the introduction of new provisions of Annex 15 and the PANS AIM, there would be a need to adjust the Roadmap with those provisions, in particular the digital datasets. Accordingly, the MSG/6 meeting tasked the AIM SG to update the MID Region AIM Implementation Roadmap in order to include the provisions of the 16th Edition of Annex 15 and the PANS AIM.

2.3 The meeting may wish to recall that the AIM SG/3 meeting reviewed and updated timelines of the National AIM implementation Roadmap Template, as at **Appendix B**. It is to be noted that twelve (12) States (Bahrain, Egypt, Iran, Iraq, Jordan, Kuwait, Lebanon, Oman, Qatar, Saudi Arabia, Sudan and UAE) provided their National AIM Implementation Roadmaps, as follows:

Status of the National AIM Roadmaps		
	State	Date of Issue
1	BAHRAIN	Jan 2016
2	EGYPT	Nov 2018
3	IRAN	Aug 2016
4	IRAQ	Sep 2015
5	JORDAN	Aug 2017
6	KUWAIT	Nov 2016
7	LEBANON	Aug 2016
8	LIBYA	-
9	OMAN	Nov 2018
10	QATAR	Sep 2016
11	SAUDI ARABIA	April 2017
12	SUDAN	April 2017
13	SYRIA	-
14	UAE	Nov 2017
15	YEMEN	-

3. ACTION BY THE MEETING

3.1 The meeting is invited to:

- a) review and update the MID Region AIM Implementation Roadmap to include the provision of the amendment 40 to Annex 15 and the PANS AIM, in particular the digital datasets; and
- b) urge States to provide their updated National AIM Implementation Roadmap.

MID REGION AIM IMPLEMENTATION ROADMAP FOR THE TRANSITION FROM AIS TO AIM

	Related Steps	2016		2017		2018		2019		2020		2021		2022		Priority	Remarks
		1	2	1	2	1	2	1	2	1	2	1	2				
AIXM	P07, P08															1	Target: 80% by 2018
eAIP / AIP Dataset	P11															1	Target: 80% by 2020
Integrated Aeronautical Information Database	P06															2	
Aeronautical Data Exchange	P09															2	
Interoperability with MET	P19															3	
Aeronautical Information Briefing	P12															3	
Agreement with data originators	P18															1	
Data Quality Monitoring	P01															1	
Data Integrity Monitoring	P02															1	
Terrain A-1 Dataset	P13															2	Target: 70% by 2018
Obstacle A-1 Dataset	P14															2	Target: 60% by 2018
Terrain A-4 Dataset(s)	P13															2	Target: 100% by 2018
Obstacle A-4 Dataset(s)	P14															2	Target: 100% by 2018
Terrain A-2a Dataset(s)	P13															2	
Obstacle A-2a Dataset(s)	P14															2	
Training	P16															1	Continuous
Communication networks	P10															3	Sufficient bandwidth; P3/P7 AMHS interface; FTBP exchange capability
Digital NOTAM	P21															3	
Electronic Aeronautical Charts	P20															3	
Terrain and Obstacle Dataset(s) for Areas 2b, 2c, 2d and 3	P13, P14															3	
Aerodrome Mapping Dataset(s)	P15															3	Optional based on the States' decision to be reflected in the States' national Regulations and AIM National Plans, in accordance with operational needs
Instrument Flight Procedure (IFP) Dataset(s)																3	

White: Planning

Light Green: Initial/On-going Implementation

Dark Green: Implemented (Performance Target achieved)

APPENDIX B

NATIONAL AIM IMPLEMENTATION ROADMAP

Phase/Step	Step No.	Timeline						Start	End	Remarks
		2016	2017	2018	2019	2020	2021			
Phase I										
AIRAC adherence	P-03									
WGS-84	P-05									
QMS	P-17									
Phase II										
Data Quality Monitoring	P-01									
Data Integrity Monitoring	P-02									
AIXM	P-06									
Unique identifiers	P-07									
Aeronautical Information Conceptual Model	P-08									
eAIP / AIP Dataset	P-11									
Terrain Area 1	P-13									
Obstacle Area 1	P-14									
Terrain Area 4	P-13									
Obstacle Area 4	P-14									
Terrain Area 2	P-13									Please specify implementation of Area 2a, 2b, 2c and/or 2d

