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International Civil Aviation Organization

Twenty-First Meeting of the ICAO Aeronautical Information Services – Aeronautical Information Management Implementation Task Force (AAITF/21)

Bangkok, Thailand, 19 – 22 May 2026

Agenda Item 4: AIS-AIM Updates

GLOBAL UPDATES ON AERONAUTICAL INFORMATION MANAGEMENT (AIM)

(Presented by Secretariat)

SUMMARY

This paper presents recent global developments related to Aeronautical Information Management (AIM), System Wide Information Management (SWIM), and aeronautical charting discussed at the fourth meeting of the ICAO Information Management Panel (IMP/4), held in Montreal from 20 to 24 April 2026. The paper highlights progress on digital data sets, AIM information services, Digital Operational Reporting Information Service (DORIS), aeronautical charting digitalization, and ICAO implementation support initiatives.

1. INTRODUCTION

1.1 The fourth meeting of the ICAO Information Management Panel (IMP/4) was held at ICAO Headquarters, Montreal, Canada, from 20 to 24 April 2026. The meeting was attended by more than 50 participants from 14 States and 5 international organizations.

1.2 IMP/4 discussed a broad range of proposals related to Annex 4, Annex 15, Procedures for Air Navigation Services - Aeronautical Information Management (PANS-AIM), Procedures for Air Navigation Services - Information Management (PANS-IM), and associated guidance material.

1.3 The meeting considered developments related to AIM digitalization, information services in a SWIM environment, digital operational reporting information service, aeronautical charting modernization, and implementation support activities.

2. DISCUSSION

Information Management Panel (IMP)

2.1 IMP/4 reviewed 34 working papers, 2 information papers, and 7 flimsies in plenary. The work had been progressed through the working groups on Aeronautical Information, Information and Services, Governance, and Terminology Harmonization. IMP/4 agreed to form a new working group on the technical infrastructure.

Aeronautical Information Management Developments

2.2 The Panel noted the continued transition from traditional aeronautical information products towards digital data sets and information services. While the transition towards digitalization is progressing, the AIRAC cycle, Quality Management System (QMS), and WGS-84 reference system remain essential foundations.

2.3 The Panel highlighted the need to promote the implementation of the digital data sets, including AIP, terrain, obstacle, aerodrome mapping database (AMDB), and instrument flight procedure (IFP) as a fundamental step towards the provision of AIM services. To support this implementation, the Secretariat informed the meeting that ICAO Doc 8126 Part IV is expected to be published before mid-2026.

2.4 Part IV will include guidance material related to the provision of aeronautical information through information services, including Aeronautical Data Set Request Service, Aeronautical Data Set Subscription Service, and Aeronautical Information Request Service.

2.5 Additional developments in information management included the addition of an information service definition template to PANS-IM, a registry interoperability data model, the harmonization of information management terminology, and inclusion of two additional fields in the Information Service Overview to communicate restrictions in the use of the information exchanged.

DORIS and NOTAM Transition

2.6 IMP/4 agreed on a proposal for amendment to make the provision of an extended AIP data set mandatory by 2031 in support of the transition to the Digital Operational Reporting Information Service (DORIS).

2.7 The Panel also discussed a proposal to recommend DORIS implementation by 2032 and noted the need for a long-term proposal for sunset of the traditional NOTAM system by 2038.

Aeronautical Charting Developments

2.8 The Panel reviewed ongoing modernization of aeronautical charting provisions, including the removal of provisions related to the Aeronautical Navigation Chart (ICAO Small Scale) and Plotting Chart (ICAO), optional printing of charts where electronic versions are available, gap analysis between charting requirements and the PANS-AIM data catalogue, and the development of a future aeronautical map information service concept.

2.9 Further amendments to Annex 4 related to the provision of a map information service are expected to be considered at future IMP meetings.

Other Developments

2.10 The meeting was informed of additional IMP/4 outcomes, including introduction of a new code related to GNSS spoofing, endorsement of a new version of the Aeronautical Information Reference Model (AIRM), and clarification of the determination of significant differences for publication in the AIP.

Implementation Support Initiatives

2.11 The Secretariat informed the meeting of ICAO implementation support initiatives related to AIM and SWIM for the next triennium.

2.12 The implementation support framework includes objectives, indicators, and regional targets covering AIS consolidation, QMS implementation, AIRAC adherence, WGS-84 implementation, digital data set development, AIM information services provision, and SWIM infrastructure implementation.

2.13 The Secretariat highlighted the importance of regional coordination and continuous operational support to facilitate AIM and SWIM implementation across the APAC Region.

2.14 The draft Regional Implementation Support initiatives for AIM are provided in **Attachment A**.

3. ACTION BY THE MEETING

3.1 The meeting is invited to:

- a) note the recent global developments related to AIM, SWIM, and aeronautical charting;
 - b) encourage States/Administrations to continue preparations for the provision of digital data sets and SWIM implementation;
 - c) review and endorse the draft Regional Implementation Support initiatives for the APAC region in **Attachment A**; and
 - d) discuss any relevant matters as appropriate.
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Regional Implementation Support initiatives for AIM

[Document subtitle]

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Introduction

This document reflects regional implementation support strategies for AIM for the next triennium (2026-2028).

At a global level AIM implementation support is organized in three phases as follows:

- a) Phase 1- AIS Consolidation
- b) Phase 2- Going digital: transition from AIS to AIM
- c) Phase 3- Provision of AIM information over SWIM

These phases are reflected as programmes in the implementation support platform.

These programmes have the following objectives and targets for 2028:

- a) Phase 1- AIS Consolidation
 - a. Monitoring of Annex differences
 - i. Number of States with zero deficiencies: Zero
 - b. AIRAC adherence monitoring
 - i. Number of States with a national AIRAC calendar: 100% of States
 - c. Quality management systems
 - i. Number of States with ISO 90001:2015 certification: 100% of States
 - d. WGS-84 implementation
 - i. Number of States using WGS-84: 100% of States
- b) Phase 2- Going digital: transition from AIS to AIM
 - a. Development AIP Digital Dataset
 - i. Percentage of States with published AIP datasets: 50% per Region
 - b. Development of Obstacle Dataset
 - i. Percentage of States having published obstacle dataset: 50%
 - c. Development of Terrain Dataset
 - i. Percentage of States having published obstacle databases: 50%
 - d. Development of AMDB Dataset
 - i. Percentage of States having published obstacle databases: 50%
 - e. Development of instrument flight procedure Dataset
 - i. Percentage of States having published obstacle databases: 50%
 - f. Management System for Digital Datasets. Automation - data-centric AIM.
- c) Phase 3- Provision of AIM information over SWIM
 - a. Prepare SWIM infrastructure: *See SWIM Implementation program*
 - b. Provide AIM information services

The following sections provide the baseline for these programmes in the different regions and based on it propose an implementation support plan for the next three years. This document will be updated in a yearly basis to show the progress made.

APAC

AIM Baseline

States report implementation of Seamless ANS Plan performance expectations through an online form, supported by monitoring and reporting schemes for subsidiary plans.

The regional AIM monitoring framework measures implementation of performance expectations outlined in Section 7 of [APAC-Plan-for-Collaborative-AIM-Version-4.0.pdf](#). Asia/Pacific States should report annually to the ICAO Asia/Pacific Regional Office by 28 February. Reported data is reviewed by AAITF or another APANPIRG-designated body to track progress and identify priority AIM elements.

AIM experts within each Administration are responsible for detailed reporting and should coordinate with the Seamless ANS focal point to ensure accuracy and consistency.

Regional implementation of Regional AIM Capability Phase I is summarized as follows:

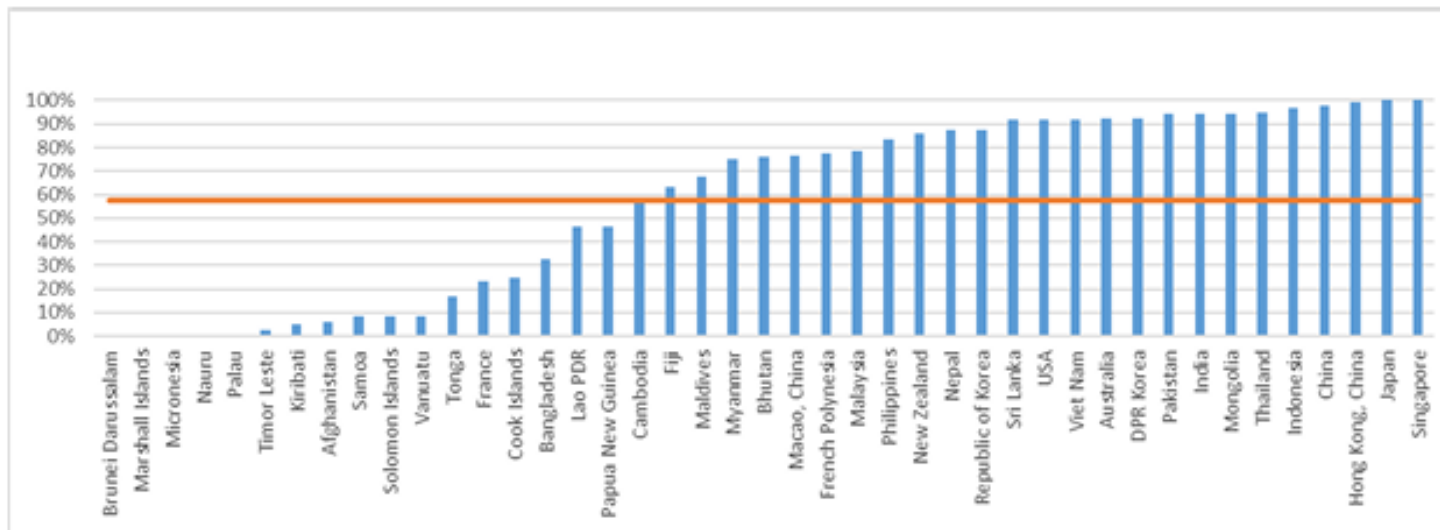


Figure 2: Regional Phase I Implementation Progress (updated on 07 June 2023)

Regional implementation of Regional AIM Capability Phase II is summarized as follows:

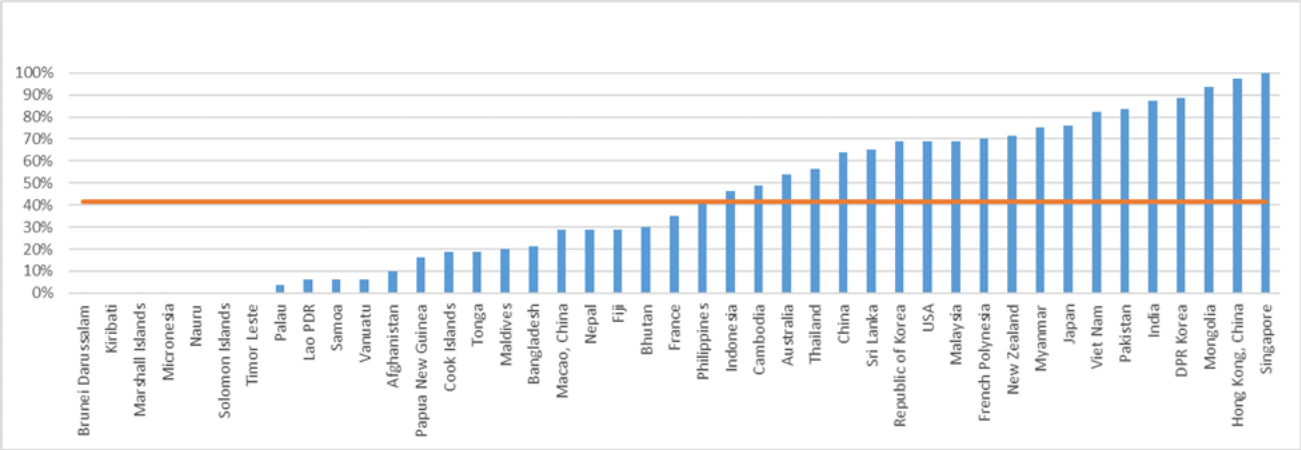
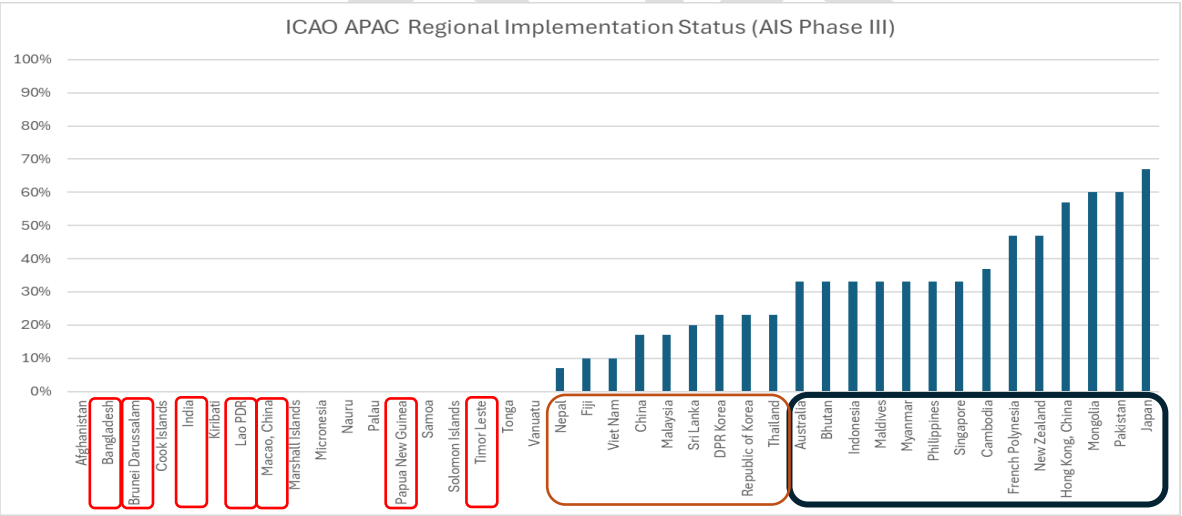


Figure 3: Regional Phase II Implementation Progress (updated on 07 June 2023)

Regional implementation of Regional AIM Capability Phase III is summarized as follows:



AIM implementation support plan activities/projects

APAC recognizes the slow progress of AIS Phase III implementation. Therefore, we would like to group into three groups as below;

Group 1: Japan, Pakistan, Mongolia, Hong Kong China, New Zealand, French Polynesia, Cambodia, Singapore, Philippines, (Myanmar), Maldives Indonesia, Bhutan and Australia

Group 2: Thailand, Republic of Korea, DPR Korea, Sri Lanka, Malaysia, China, Viet Nam, Fiji and Nepal

Group 3: Bangladesh, Brunei Darussalam, India, Lao PDR, Macao China, Papua New Guinea and Timor Leste

TBD: Other Pacific Small Island Development States (PSIDS), Afghanistan

Year	Timeframe	Program	Objectives	Type of event*	Location	Name
2026	Q4	AIM implementation Phase III	Provide a regional workshop to whole APAC States to understand AIM digitalization related process	Regional	BKK	
2027	Q1	AIM implementation Phase III	Support AIM implementation Phase III	Group 1	virtual	
2027	Q4	AIM implementation Phase III	Support AIM implementation Phase III	Group 2	virtual	
2028	Q2	AIM implementation Phase III	Provide a regional training/workshop to APAC States (Group 3) on regional objectives and introduce them in the process of AIM digitalization	Regional	BKK	
2028	Q3	AIM implementation Phase III	Publication of a National Air Navigation Plan.	Group 3	virtual	

*Group 1: Japan, Pakistan, Mongolia, Hong Kong China, New Zealand, French Polynesia, Cambodia, Singapore, Philippines, (Myanmar), Maldives Indonesia, Bhutan and Australia

Group 2: Thailand, Republic of Korea, DPR Korea, Sri Lanka, Malaysia, China, Viet Nam, Fiji and Nepal

Group 3: Bangladesh, Brunei Darussalam, India, Lao PDR, Macao China, Papua New Guinea and Timor Leste

AIM implementation support plan activities/projects

Year	Timeframe	Programme	Objectives	Type of event*	Location	Name	Remarks
2026	Q2	Phase 2- Going digital: transition from AIS to AIM	All	Region	Panama	Joint NACC/SAM meeting for AIM (SAM/AIM/18 and AIM/TF/9)	Monitoring the implementation of the AIS to AIM Transition Roadmap and agreeing on NACC/SAM regional coordination for AIM and SWIM
2026	Q3	Phase 1- AIS Consolidation	Compliance with A15 and A4	Region	Virtual	NAMCCAR State - GRF Implemented	
2026	Q4	Phase 1- AIS Consolidation	QMS	National	A Caribbean State (TBD)	Technical assistance for QMS implementation	
2027	Q2	Phase 1- AIS Consolidation and Phase 2 – Transition from AIS to AIM	All	State	Mexico	Integrate the evaluation of the ASBU elements according to the ASBU thread and establish the regional implementation status through the BBBs	
2027	Q3	Phase 3- Provision of AIM information over SWIM	QMS	National	A Caribbean State (TBD)	Technical assistance for QMS implementation	
2027	Q4	Phase 3- Provision of AIM	QMS	National	A Caribbean State (TBD)	Technical assistance for QMS implementation	

		information over SWIM					
2028	Q1	Phase 3- Provision of AIM information over SWIM	All	Regional	TBD	Implementation of SWIM in the NACC/SAM Regions	Follow-up to the conclusion of GREPECAS/23 related to SWIM/TF
2028	Q3	QMS	National	A Caribbean State (TBD)	Technical assistance for QMS implementation	QMS	National
2028	Q4	QMS	National	A Caribbean State (TBD)	Technical assistance for QMS implementation	QMS	National

ESAF

To be completed

DRAFT

EUR

AIM Baseline

DEF ID	State	DEF Type	DEF Descr	DEF Rmk
EUR-AIS-01-05	Tajikistan	WGS-84	WGS-84 - Not implemented	The difficulties which impede CIS States to speed up and complete the implementation of WGS-84 are systematic and have legal and financial aspects.
EUR-AIS-01-06	Turkmenistan	WGS-84	WGS-84 - Not implemented	The difficulties which impede CIS States to speed up and complete the implementation of WGS-84 are systematic and have legal and financial aspects.
EUR-AIS-02-08	Tajikistan	QMS for AIS	QMS not implemented	
EUR-AIS-02-09	Turkmenistan	QMS for AIS	QMS not implemented	
EUR-AIS-02-11	Bosnia and Herzegovina	QMS for AIS	QMS not implemented	
EUR-AIS-02-13	Malta	QMS for AIS	QMS not implemented	
EUR-AIS-04-05	Kyrgyzstan	Aeronautical charts and flight instrument procedures	Non- compliance with ICAO An. 4 & Doc 8168 (PANS-OPS) provisions	Lack of mechanism to ensure compliance with ICAO An. 4 and Doc. 8168 (PANS-OPS) provisions.

EUR-AIS-04-08	Tajikistan	Aeronautical charts and flight instrument procedures	Non- compliance with ICAO An. 4 & Doc 8168 (PANS-OPS) provisions	Lack of mechanism to ensure compliance with ICAO An. 4 and Doc. 8168 (PANS-OPS) provisions.
EUR-AIS-04-09	Turkmenistan	Aeronautical charts and flight instrument procedures	Non- compliance with ICAO An. 4 & Doc 8168 (PANS-OPS) provisions	Lack of mechanism to ensure compliance with ICAO An. 4 and Doc. 8168 (PANS-OPS) provisions.
EUR-AIS-05-02	Bulgaria	Publication of air navigation obstacles in AIP	Air navigation obstacles are not published in AIP	Air navigation obstacles to be published in the National AIP section ENR 5.4 (EANPG Conclusion 54/8 refers)
EUR-AIS-06-02	Algeria	TOD	Lack of: - Obstacle dataset for area 1 - Obstacle dataset for area 4 - Terrain dataset for area 4	Obstacle dataset area 1, Obstacle dataset area 4 for DAAG 23 and Terrain dataset area 4 for DAAG 23 should be developed (COG Conclusion 65/14 refers).
EUR-AIS-06-03	Austria	TOD	Lack of: - Obstacle dataset for area 4 - Terrain dataset for area 4	Obstacle dataset area 4 for LOWG 35C, LOWK 28R, LOWL 26, LOWL 08, LOWS 15, LOWW 16 and LOWW 29 and Terrain dataset area 4 for LOWG 35C, LOWK 28R, LOWL 26, LOWL 08, LOWS 15, LOWW 16 and LOWW 29 should be developed (COG Conclusion 65/14 refers).
EUR-AIS-06-04	Azerbaijan	TOD	Lack of: - Obstacle dataset for area 1 - Obstacle dataset for area 4 - Terrain dataset for area 4	Obstacle dataset area 1, Obstacle dataset area 4 for UBBB 17 and UBBB 35 and Terrain dataset area 4 for UBBB 17 and UBBB 35 should be developed (COG Conclusion 65/14 refers).

EUR-AIS-06-05	Belarus	TOD	Lack of: - Obstacle dataset for area 4 - Terrain dataset for area 4	Obstacle dataset area 4 for UMMC 31 and Terrain dataset area 4 for UMMC 31 should be developed (COG Conclusion 65/14 refers).
EUR-AIS-06-06	Belgium	TOD	Lack of: - Obstacle dataset for area 4 - Terrain dataset for area 4	Obstacle dataset area 4 for EBBR 25L, EBBR 25R, EBCI 25, EBLG 05R, EBLG 23L, EBLG 23R, EBOS 08 and EBOS 26. and Terrain dataset area 4 for EBBR 25L, EBBR 25R, EBCI 25, EBLG 05R, EBLG 23L, EBLG 23R, EBOS 08 and EBOS 26. should be developed (COG Conclusion 65/14 refers).
EUR-AIS-06-07	Bosnia and Herzegovina	TOD	Lack of Obstacle dataset for TOD area 1	Obstacle dataset for TOD area 1 should be developed (COG Conclusion 65/14 refers).
EUR-AIS-06-08	Bulgaria	TOD	Lack of: - Obstacle dataset for area 1 - Obstacle dataset for area 4 - Terrain dataset for area 4	Obstacle dataset area 1, Obstacle dataset area 4 for LBSF 27 and Terrain dataset area 4 for LBSF 27 should be developed (COG Conclusion 65/14 refers).
EUR-AIS-06-09	Croatia	TOD	Lack of: - Obstacle dataset for area 1 - Obstacle dataset for area 4 - Terrain dataset for area 4	Obstacle dataset area 1, Obstacle dataset area 4 for LDZA 05 and Terrain dataset area 4 for LDZA 05 should be developed (COG Conclusion 65/14 refers).
EUR-AIS-06-10	Czechia	TOD	Lack of: - Obstacle dataset for area 4 - Terrain dataset for area 4	Obstacle dataset area 4 for LKMT 22 and LKPR 24 and Terrain dataset area 4 for LKMT 22 should be developed (COG Conclusion 65/14 refers).

EUR-AIS-06-11	Denmark	TOD	Lack of: - Obstacle dataset for area 1 - Obstacle dataset for area 4 - Terrain dataset for area 4	Obstacle dataset area 1, Obstacle dataset area 4 for: EKAH 28L, EKBI 09, EKBI 27, EKCH 04L, EKCH 22L, EKEB 26, EKKA 27L and EKYT 26R. and Terrain dataset area 4 for: EKAH 28L, EKBI 09, EKBI 27, EKCH 04L, EKCH 22L, EKEB 26, EKKA 27L and EKYT 26R should be developed (COG Conclusion 65/14 refers).
EUR-AIS-06-12	Estonia	TOD	Lack of Obstacle dataset for TOD area 1	Obstacle dataset for TOD area 1 should be developed (COG Conclusion 65/14 refers).
EUR-AIS-06-13	France	TOD	Lack of: - Obstacle dataset for area 4 - Terrain dataset for area 4	Obstacle dataset area 4 for LFBL 21, LFJL 22, LFOB 12, LFQQ 26, LFRB 25L and LFOK 10 and Terrain dataset area 4 for: LFBL 21, LFJL 22, LFOB 12, LFQQ 26, LFRB 25L and LFOK 10 should be developed (COG Conclusion 65/14 refers).
EUR-AIS-06-15	Germany	TOD	Lack of: - Obstacle dataset for area 4	Obstacle dataset area 4 for EDDB 25, EDDB 07, EDDC 22, EDDE 28, EDDE 10, EDDF 07L, EDDF 07C, EDDF 07R, EDDF 25L, EDDF 25C, EDDF 25R, EDDG 25, EDDH 23, EDDK 32R, EDDK 14L, EDDL 05R, EDDL 23L, EDDL 23R, EDDM 08L, EDDM 08R, EDDM 26L, EDDM 26R, EDDN 28, EDDP 08L, EDDP 08R, EDDP 26L, EDDP 26R, EDDS 07, EDDS 25, EDDV 09L, EDDV 27R, EDDW 09, EDDW 27, EDFH 21, EDLV 27, EDLW 06, EDNY 24 and

				EDSB 21 should be developed (COG Conclusion 65/14 refers).
EUR-AIS-06-16	Greece	TOD	Lack of: - Obstacle dataset for area 1 - Obstacle dataset for area 4 - Terrain dataset for area 4	Obstacle dataset area 1, Obstacle dataset area 4 for LGAV 03L, LGAV 03R, LGAV 21L, LGAV 21R and LGTS 16 and Terrain dataset area 4 for LGAV 03L, LGAV 03R, LGAV 21L, LGAV 21R and LGTS 16.should be developed (COG Conclusion 65/14 refers).
EUR-AIS-06-17	Hungary	TOD	Lack of Terrain dataset for TOD area 4	Terrain dataset for TOD area 4 should be developed (COG Conclusion 65/14 refers) for: LHBP 13L, LHBP 13R, LHBP 31L and LHBP 31R.
EUR-AIS-06-18	Iceland	TOD	Lack of: - Obstacle dataset for area 1 - Obstacle dataset for area 4 - Terrain dataset for area 4	Obstacle dataset area 1, Obstacle dataset area 4 for BIKF 02, BIKF 11, BIKF 20 and BIKF 29 and Terrain dataset area 4 for BIKF 02, BIKF 11, BIKF 20 and BIKF 29.should be developed (COG Conclusion 65/14 refers).
EUR-AIS-06-19	Israel	TOD	Lack of Obstacle dataset for TOD area 1	Obstacle dataset for TOD area 1 should be developed (COG Conclusion 65/14 refers).

EUR-AIS-06-20	Italy	TOD	<p>Lack of:</p> <ul style="list-style-type: none"> - Obstacle dataset for area 1 - Obstacle dataset for area 4 - Terrain dataset for area 4 	<p>Obstacle dataset area 1, Obstacle dataset area 4 for LIMC 35R, LIMC 35L, LIME 28, LIMF 36, LIML 36, LIMP 20, LIPE 12, LIPH 07, LIPO 32, LIPQ 09, LIPX 04, LIPZ 04R, LIRF 16L, LIRF 16R and LIRF 34R and Terrain dataset area 4 for LIMC 35R, LIMC 35L, LIME 28, LIMF 36, LIML 36, LIMP 20, LIPE 12, LIPH 07, LIPO 32, LIPQ 09, LIPX 04, LIPZ 04R, LIRF 16L, LIRF 16R and LIRF 34R should be developed (COG Conclusion 65/14 refers).</p>
EUR-AIS-06-21	Kyrgyzstan	TOD	<p>Lack of Obstacle dataset for TOD area 1</p>	<p>Obstacle dataset for TOD area 1 should be developed (COG Conclusion 65/14 refers)</p>
EUR-AIS-06-22	Luxembourg	TOD	<p>Lack of:</p> <ul style="list-style-type: none"> - Obstacle dataset for area 1 - Obstacle dataset for area 4 - Terrain dataset for area 4 	<p>Obstacle dataset area 1, Obstacle dataset area 4 for ELLX 24 and Terrain dataset area 4 for ELLX 24 should be developed (COG Conclusion 65/14 refers).</p>
EUR-AIS-06-23	Malta	TOD	<p>Lack of:</p> <ul style="list-style-type: none"> - Obstacle dataset for area 1 - Obstacle dataset for area 4 - Terrain dataset for area 4 	<p>Obstacle dataset area 1, Obstacle dataset area 4 for LMML 32 and Terrain dataset area 4 for LMML 32 should be developed (COG Conclusion 65/14 refers).</p>
EUR-AIS-06-24	Montenegro	TOD	<p>Lack of Obstacle dataset for TOD area 1</p>	<p>Obstacle dataset for TOD area 1 should be developed (COG Conclusion 65/14 refers).</p>

EUR-AIS-06-25	Morocco	TOD	Lack of: <ul style="list-style-type: none"> - Obstacle dataset for area 1 - Obstacle dataset for area 4 - Terrain dataset for area 4 	Obstacle dataset area 1, Obstacle dataset area 4 for GMMN 35L, GMMN 35R and Terrain dataset area 4 for GMMN 35L, GMMN 35R should be developed (COG Conclusion 65/14 refers).
EUR-AIS-06-26	Netherlands	TOD	Lack of: <ul style="list-style-type: none"> - Obstacle dataset for area 1 - Obstacle dataset for area 4 - Terrain dataset for area 4 	Obstacle dataset area 1, Obstacle dataset area 4 for EHAM 06, EHAM 18C, EHAM 18R, EHAM 27, EHAM 36C, EHAM 36R and EHBK 21 and Terrain dataset area 4 for EHAM 06, EHAM 18C, EHAM 18R, EHAM 27, EHAM 36C, EHAM 36R and EHBK 21 should be developed (COG Conclusion 65/14 refers).
EUR-AIS-06-27	Poland	TOD	Lack of: <ul style="list-style-type: none"> - Obstacle dataset for area 4 - Terrain dataset for area 4 	Obstacle dataset area 4 for EPGD 29, EPKT 27, EPMO 08, EPKK 25, EPWA 11 and EPWA 33 and Terrain dataset area 4 for EPGD 29, EPKT 27, EPMO 08, EPKK 25, EPWA 11 and EPWA 33 should be developed (COG Conclusion 65/14 refers).
EUR-AIS-06-28	Portugal	TOD	Lack of: <ul style="list-style-type: none"> - Obstacle dataset for area 4 - Terrain dataset for area 4 	Obstacle dataset area 4 for LPFR 28, LPPR 17 and LPPT 21 and Terrain dataset area 4 for LPFR 28, LPPR 17 and LPPT 21 should be developed (COG Conclusion 65/14 refers).

EUR-AIS-06-29	Romania	TOD	Lack of: <ul style="list-style-type: none"> - Obstacle dataset for area 1 - Obstacle dataset for area 4 - Terrain dataset for area 4 	Obstacle dataset area 1, Obstacle dataset area 4 for LRAR 27, LRBS 07, LRCL 25, LRIA 14, LROP 08L, LROP 08R, LRTM 07, LRTR 11 and LRTR 29 and Terrain dataset area 4 for LRAR 27, LRBS 07, LRCL 25, LRIA 14, LROP 08L, LROP 08R, LRTM 07, LRTR 11 and LRTR 29 should be developed (COG Conclusion 65/14 refers).
EUR-AIS-06-30	Russian Federation	TOD	Lack of Terrain dataset for TOD area 4	Terrain dataset for TOD area 4 should be developed (COG Conclusion 65/14 refers) for UHPP 34L, URWW 06, UWKD 11, UWUU 14R, UEEE 23L, ULLI 10R, 10L, 28R, UNKL 11, 29, UNNT 16, URMM 12, URRR 04, UUWW 19, 06, 24, UDD 32R, 14R, UUEE 24L, 24R, 06R, UHWW 25L, UHHH 23L
EUR-AIS-06-31	Serbia	TOD	Lack of: <ul style="list-style-type: none"> - Obstacle dataset for area 1 - Obstacle dataset for area 4 - Terrain dataset for area 4 	Obstacle dataset area 1, Obstacle dataset area 4 for LYBE 12L, LYBE 12R and Terrain dataset area 4 for LYBE 12L, LYBE 12R should be developed (COG Conclusion 65/14 refers).
EUR-AIS-06-33	Sweden	TOD	Lack of: <ul style="list-style-type: none"> - Obstacle dataset for area 4 	Obstacle dataset area 4 for ESGG 03, ESGG 21, ESMS 17, ESSA 19L, ESSA 01L and ESSA 01R should be developed (COG Conclusion 65/14 refers).
EUR-AIS-06-34	Switzerland	TOD	Lack of Obstacle dataset for TOD area 4	Obstacle dataset for TOD area 4 should be developed (COG Conclusion 65/14 refers) for: LSGG 22, LSZH 16 and LSZH 14.

EUR-AIS-06-35	Tajikistan	TOD	Lack of Obstacle dataset for TOD area 1	Obstacle dataset for TOD area 1 should be developed (COG Conclusion 65/14 refers)
EUR-AIS-06-36	North Macedonia	TOD	Lack of Obstacle dataset for TOD area 1	Obstacle dataset for TOD area 1 should be developed (COG Conclusion 65/14 refers).
EUR-AIS-06-37	Tunisia	TOD	Lack of Obstacle dataset for TOD area 1	Obstacle dataset for TOD area 1 should be developed (COG Conclusion 65/14 refers)
EUR-AIS-06-38	Turkmenistan	TOD	Lack of: - Obstacle dataset for area 1 - Obstacle dataset for area 4 - Terrain dataset for area 4	Obstacle dataset area 1, Obstacle dataset area 4 for UTAA 12R, UTAA 30L, UTAA 12L, UTAA 30R and Terrain dataset area 4 for UTAA 12R, UTAA 30L, UTAA 12L, UTAA 30R should be developed (COG Conclusion 65/14 refers).
EUR-AIS-06-40	United Kingdom	TOD	Lack of: - Obstacle dataset for area 4 - Terrain dataset for area 4	Obstacle dataset area 4 for EGAA 17, EGAA 25, EGBB 15, EGBB 33, EGHH 26, EGGD 27, EGCN 20, EGNX 09, EGNX 27, EGPH 06, EGPH 24, EGPF 05, EGPF 23, EGNS 08, EGNS 26, EGNM 32, EGGP 27, EGKK 08R, EGKK 26L, EGLL 09L, EGLL 09R, EGLL 27L, EGLL 27R, EGGW 08, EGGW 26, EGSS 04, EGSS 22, EGCC 05L, EGCC 23R, EGNT 07, EGNT 25 and EGHQ 30 and Terrain dataset area 4 for EGAA 17, EGAA 25, EGBB 15, EGBB 33, EGHH 26, EGGD 27, EGCN 20, EGNX 09, EGNX 27, EGPH 06, EGPH 24, EGPF

				05, EGPF 23, EGNS 08, EGNS 26, EGNM 32, EGGP 27, EGKK 08R, EGKK 26L, EGLL 09L, EGLL 09R, EGLL 27L, EGLL 27R, EGGW 08, EGGW 26, EGSS 04, EGSS 22, EGCC 05L, EGCC 23R, EGNT 07, EGNT 25 and EGHQ 30 should be developed (COG Conclusion 65/14 refers).
EUR-AIS-06-41	Uzbekistan	TOD	Lack of: <ul style="list-style-type: none"> - Obstacle dataset for area 1 - Obstacle dataset for area 4 - Terrain dataset for area 4 	Obstacle dataset area 1, Obstacle dataset area 4 for UTTT 08L, UTSA 07, UTSA 25 and Terrain dataset area 4 for UTTT 08L, UTSA 07, UTSA 25 should be developed (COG Conclusion 65/14 refers).
EUR-AIS-07-01	Russian Federation	Aeronautical information publication	Publication of the aeronautical information not in compliance with ICAO provisions	Publication by the Russian Federation of several aeronautical information related documents, such as NOTAMs, AICs, Amendments, and Supplements to the AIP of the Russian Federation, concerning the Simferopol FIR

Table ASBU-EUR-DAIM-1

Automated Data-Centric Environment

EXPLANATION OF THE TABLE

Column:

- 1 Name of the State or territory.
- 2 *Level of Automation*, shown by:
 0 – Manual
 1 – Data Centric
 2 – Automated Workflow
 3 – Full AIM Integration
Note 1 – Guidance on automation and description of different levels of automation are contained in Doc 8126 (Aeronautical Information Services Manual), Part II, Chapter 7 (7.4).
- 3 Implementation of *Automated processes - Data collection (interfaces with data originators)*, shown by:
 FI – Fully Implemented: *when Data collection is at level 3 automation*
 PI – Partially Implemented: *when Data collection is at level 1 or 2 automation*
 NI – Not Implemented: *when Data collection is at level 0 automation*
Note 2 — Guidance on the levels of automation are contained in Doc 8126 (Aeronautical Information Services Manual), Part II, 7.4.
Note 3 — Additional guidance on the components of an automated AIM system (Data Input) are contained in Doc 8126 (Aeronautical Information Services Manual), Part II, 7.5.1.
Note 4 — EUROCONTROL Specification for the Origination of Aeronautical Data (DO) provides guidance and comprehensive requirements which should be met when originating aeronautical data within the aeronautical data supply chain.
- 4 Implementation of *Automated processes - Data processing*, shown by:
 FI – Fully Implemented: *when Data processing is at level 3 automation*
 PI – Partially Implemented: *when Data processing is at level 1 or 2 automation*
 NI – Not Implemented: *when Data processing is at level 0 automation*
Note 5 — Guidance on the levels of automation are contained in Doc 8126 (Aeronautical Information Services Manual), Part II, 7.4.
Note 6 — Additional guidance on the components of an automated AIM system (Core Processing System and Data Storage) are contained in Doc 8126 (Aeronautical Information Services Manual), Part II, 7.5.2 and 7.5.3.
- 5 Implementation of *Automated processes - Data provision/distribution*, shown by:
 FI – Fully Implemented: *when Data provision/distribution is at level 3 automation*
 PI – Partially Implemented: *when Data provision/distribution is at level 1 or 2 automation*
 NI – Not Implemented: *when Data provision/distribution is at level 0 automation*
Note 7 — Guidance on the levels of automation are contained in Doc 8126 (Aeronautical Information Services Manual), Part II, 7.4.

Note 8 — Additional guidance on the components of an automated AIM system (Data Product Preparation) are contained in Doc 8126 (Aeronautical Information Services Manual), Part II, 7.5.4.

Note 9 – The following EUROCONTROL Guidance Materials provide detailed information on aeronautical data/information distribution:

- EUROCONTROL Specification for the Electronic Aeronautical Information Publication (eAIP)
- EUROCONTROL Guidelines for Aeronautical Information Publication (AIP) distribution on the Internet
- EUROCONTROL Guidelines Operating Procedures for AIS Dynamic Data (OPADD)
- EUROCONTROL Guidelines for harmonised AIP publication and data set provision

Note 10 – Ref. Column 3-5: EUROCONTROL Guidelines on Aeronautical Data Processes

describes a common process reflecting the latest advancement in automation and with a focus on a data-centric AIS/AIM environment

(<https://www.eurocontrol.int/publication/eurocontrol-guidelines-aeronautical-data-processes>)

6 Action Plan – short description of the State’s Action Plan with regard to the implementation of the items 2 to 5, especially for items with a “PI” or “NI” status, including planned date(s) of full implementation, as appropriate.

7 Remarks – additional information, including detail of “PI” and “NI”, as appropriate.

State	Level of Automation (Overall)	Automated Processes			Action Plan	Remarks
		Data collection (interfaces with data originators)	Data Processing	Data provision/ distribution		
1	2	3	4	5	6	7
ALBANIA	1(2)	PI	PI	PI	Implementation of eEAD	
ALGERIA	0	NI	NI	NI	Not yet planned	
ARMENIA	0	NI	NI	NI	2025	After Implementation 373/2017 New formal arrangements with originators
AUSTRIA	2	PI	PI	PI	Implementation of CP1 regulation based on the eEAD/iNM transition plan	
AZERBAIJAN	2	PI	PI	PI	The current AIM environment is planned to be upgraded till Dec 2023	Due to COVID, implementation of level 3 automation is delayed. The process planned to be resumed after end of system upgrade.
BELARUS						
BELGIUM	1	PI	PI	PI	Upgrade planned with implementation of eEAD	

State	Level of Automation (Overall)	Automated Processes			Action Plan	Remarks
		Data collection (interfaces with data originators)	Data Processing	Data provision/ distribution		
1	2	3	4	5	6	7
BOSNIA AND HERZEGOVINA	1	PI	PI	PI		
BULGARIA	1	PI	PI	PI	Planned upgrade of the AIS systems towards AIM – Dec 2025	
CROATIA	1 (2)	PI	PI	PI	Enhanced data collection process planned for implementation by 2025 and CP1 deliverables planned for 2025/2026	
CYPRUS	1	PI	PI	PI	Transformation of aeronautical information in a digital form, enhancing the digital data scope to ensure 'Operational Data Completeness', and enabling generation of AIXM 5.1 data, including the automation and digitalization of exchanges with AISP data providers such as Airports in their role of aeronautical data originator. By 2025/Q4	
CZECH REPUBLIC	1	PI	PI	PI	SWIM implementation 2025/2026	
DENMARK	0	NI	PI	NI	Implementation plan for level 2 system established, with full implementation expected in 2028	
ESTONIA	2	FI	PI	PI	Plan is to be ready to offer SWIM services in 2025.	Data processing still requires some manual intervention and we are not yet able to offer SWIM services.
FINLAND	1 (2)	PI	PI	PI		
FRANCE	1	PI	FI	PI	New AIM System (SEPIA) planned for 2025	3 Data collection not fully automated with

State	Level of Automation (Overall)	Automated Processes			Action Plan	Remarks
		Data collection (interfaces with data originators)	Data Processing	Data provision/ distribution		
1	2	3	4	5	6	7
						a workflow (planned with SEPIA) 5 Data distribution not fully automated (planned with SEPIA)
GEORGIA	1	NI	PI	PI	Implementing automatic data collection system by Q4 2025.	
GERMANY	2	NI	PI	PI	Yes	
GREECE	1	PI	PI	PI	Following the next EAD migration steps higher level of automation will be achieved.	As we are partly migrated to EAD service, we are moving towards in upgrading the current level of automation.
HUNGARY	2	PI	PI	PI	TBD	
IRELAND	1	PI	PI	PI	Upgrade planned with implementation of eEAD in 2025/2026	
ISRAEL						
ITALY	2	PI	PI	PI	Action Plan in line with relevant EU Regulation. FI target 12/2025	
KAZAKHSTAN	1	PI	PI	PI	Enhanced Data collection process to be implemented by the end of 2026. Data processing and Data provision/distribution processes are planned to be SWIM and web service oriented by the end of 2026.	
KYRGYZSTAN	1	PI	PI	PI		
LATVIA	2	PI	PI	PI	Enhanced Data collection process to be implemented by the end of 2024. Data processing and Data provision/distribution processes are planned	

State	Level of Automation (Overall)	Automated Processes			Action Plan	Remarks
		Data collection (interfaces with data originators)	Data Processing	Data provision/ distribution		
1	2	3	4	5	6	7
					to be SWIM and web service oriented by the end of 2025.	
LITHUANIA	1	PI	PI	PI	AIM system implementation in 2025	AIM system implementation and data transitions from SDO to SDD in progress.
LUXEMBOURG	0	NI	NI	-	Luxembourg plans to implement an AIM database and workflow tool in 2025.	Ref. column 5: Data provision / distribution done by Belgium for Luxembourg (joint AIP).
MALTA						
MONTENEGRO	1	PI	PI	PI	NIL	For the time being, there is no State action plan.
MOROCCO						
NETHERLANDS	2	PI	PI	PI	AIM Suite Update 2025	
NORTH MACEDONIA						
NORWAY	1	PI	PI	PI	AIM system supports level 3, Avinor SWIM project is working on this, ref. CP1 AF5	2: 2 on certain feature types (ref. 373 data catalogue criticality) 5: AIP still primarily available as HTML+PDF eAIP, AIXM 5.1 data available on request
POLAND	2	PI	PI	PI	2025/Q4	
PORTUGAL	2	PI	PI	FI	2024	All new AIM System components will be in place until the end of 2023
REPUBLIC OF MOLDOVA	1	PI	PI	PI	3: 2025 - automated collection of data from the originator. 4: 2024 – Management Data Sets Tool (AIP Dat Set, Obstacle and Terrain data Sets, AMDB, Instrument	

State	Level of Automation (Overall)	Automated Processes			Action Plan	Remarks
		Data collection (interfaces with data originators)	Data Processing	Data provision/ distribution		
1	2	3	4	5	6	7
					flight procedure data set.) 5: 2025 - Digital NOTAM 2025: the graphical visualization of digital data sets	
ROMANIA	0	NI	NI	NI	End of 2025	A new AIS System in course of implementation with Level 3 of automation
RUSSIAN FEDERATION	0	NI	PI	NI	2: 0-1 Q2 2026 3, 5: PI Q2 2026	
SERBIA	1	PI	PI	PI		For the time being, there is no State action plan. Progress in the automation fully depends on the migration to eEAD, planned to happen by DEC 2027.
SLOVAKIA	1	PI	PI	PI	Transition to AIXM 5.1 – NOV 24 Implementation of SWIM - 2025/2026 Implementation of CP1 regulation is partly based on the eEAD/iNM transition plan (for DNOTAM service provision).	
SLOVENIA	1	FI	FI	FI		
SPAIN	2	PI	PI	PI	Planned	
SWEDEN	2	PI	PI	PI		Level 2 on overall automation is regarded as the most appropriate, however recognising that some level 1-aspects in the total process remain and also that some level 3-aspects are implemented. The input in columns 3, 4 and 5 corresponds to level 2.

State	Level of Automation (Overall)	Automated Processes			Action Plan	Remarks
		Data collection (interfaces with data originators)	Data Processing	Data provision/ distribution		
1	2	3	4	5	6	7
SWITZERLAND	1	PI	PI	PI	3: There is a project ongoing for Data Collection Services (DCS) and an appropriate roadmap schedule is followed and closely coordinated between DCS Provider, Skyguide and FOCA (planned date for Level 1: 31.12.23, planned date for Level 2: 31.12.24). 4: Level 2 (planned date: 31.12.24) 5: Level 3 (planned date: 31.12.25)	
TAJIKISTAN						
TUNISIA						
TURKIYE	1	PI	PI	PI	Data collection, data processing and data provision is done in digital environment	
TURKMENISTAN						
UKRAINE	0	NI	NI	NI		
UNITED KINGDOM	2	PI	PI	PI	UK Airspace Modernisation Strategy includes planned elements for the transition to SWIM with implementation of SWIM information services by 31/12/2025 in compliance with national legislation (UK Reg (EU) No.716/2014 the Pilot Common Project)	Automated workflow fully implemented but working towards transition to SWIM and full AIM integration.
UZBEKISTAN	0	NI	NI	NI	Planned to implement AIM environment by the December 2028	

Table ASBU-EUR-DAIM-2

Aeronautical Data Quality

EXPLANATION OF THE TABLE

Column:

- 1 Name of the State or territory.
 2 Implementation of Quality Assurance and Quality Control, shown by:
 FC – Fully Compliant
 PC – Partially Compliant
 NC – Not Compliant

Note 1 – Guidance on the implementation of Quality Assurance and Quality Control are contained in Doc 8126 (Aeronautical Information Services Manual), Part II, Chapter 6.

- 3 Establishment of formal arrangements with originators, shown by:
 FC – Fully Compliant
 PC – Partially Compliant
 NC – Not Compliant

Note 2 – Provisions and guidance on formal arrangements with originators are contained in Annex 15, 2.1.5 and Doc 8126 (Aeronautical Information Services Manual), Part II, 3.3.

Note 3 – Fully compliant (FC) means that the AIS has established formal arrangements with all data originators.

Note 4 – Relevant data quality requirements should be considered in the formal arrangements with originators. Since the Aeronautical Data Catalogue contains all the data elements that the AIS manages, each one being assigned an owner, the AIS can use the Aeronautical Data Catalogue to systematically establish and document formal arrangements with all identified data originators.

Note 5 – Formal arrangements with originators should include requirements related to the provision of metadata.

Note 6 – Provisions related to metadata are contained in Annex 15, 4.2 and PANS-AIM, 4.2.

EUROCONTROL Guidelines for the provision of Metadata to support the Exchange of Aeronautical Data provides further guidance on metadata.

- 4 Action Plan – short description of the State’s Action Plan with regard to aeronautical data quality requirements implementation and the establishment of formal arrangements with originators, especially for items with a “PC” or “NC” status, including planned date(s) of full compliance, as appropriate.
 5 Remarks – additional information, including detail of “PC” and “NC”, as appropriate.

State	Quality Assurance /Quality Control	Formal Arrangement with Originators	Action Plan	Remarks
1	2	3	4	5
ALBANIA	FC	FC		
ALGERIA	PC	FC	By Q2 2026	
ARMENIA		PC		
AUSTRIA	FC	PC		
AZERBAIJAN	FC	FC		
BELARUS		FC		
BELGIUM	FC	PC	Yes - 2024	FA with all data providers are established but updates are ongoing regarding the aeronautical data catalogue and the delivery of metadata
BOSNIA AND HERZEGOVINA	PC	PC		
BULGARIA	PC	FC	Yes - 2025	
CROATIA	FC	PC	FA with MIL – by Q1 2024	
CYPRUS	FC	FC		
CZECH REPUBLIC	FC	FC		
DENMARK	NC	PC	Implementation plan for data quality compliance established, with full compliance expected in 2028	
ESTONIA	FC	PC	Formal arrangements with Originators will be “FC” Q2 2024 latest.	We were missing some SLA-s with Originators and the existing ones were on old format. Update process is ongoing.
FINLAND	FC	PC		
FRANCE	FC	FC		
GEORGIA	FC	FC	Update the formal arrangements with Data Originators by Q4 2025.	The formal arrangements shall be updated in regards to the Aeronautical Data Catalogue.
GERMANY	PC	PC	Yes	

State	Quality Assurance /Quality Control	Formal Arrangement with Originators	Action Plan	Remarks
1	2	3	4	5
GREECE	PC	PC	Additional FAs are expected to be signed by 31/12/2023.	The recent acquisition of the ISO 9001 certificate will enhance the overall process.
HUNGARY	FC	FC		
IRELAND	FC	FC		
ISRAEL				
ITALY	PC	PC	FI Target 12/2023	
KAZAKHSTAN	PC	FC	TBD	
KYRGYZSTAN	PC	NC	Date of fully compliance of Quality Assurance and Control 25.05.2025	
LATVIA	FC	FC		
LITHUANIA		FC		
LUXEMBOURG	FC	FC		
MALTA				
MONTENEGRO	FC	PC	NIL	For the time being, there is no State action plan.
MOROCCO		PC		
NETHERLANDS	PC	PC	Ongoing	
NORTH MACEDONIA				
NORWAY		FC		
POLAND		FC		
PORTUGAL	PC	PC	Full IAID 2024	
REPUBLIC OF MOLDOVA	FC	FC		
ROMANIA	FC	FC		
RUSSIAN FEDERATION	PC	NC	NIL	Formal arrangements with originators are established by Russian aviation administration through directives and instructions

State	Quality Assurance /Quality Control	Formal Arrangement with Originators	Action Plan	Remarks
1	2	3	4	5
SERBIA	FC	PC		For the time being, there is no State action plan.
SLOVAKIA	FC	FC		
SLOVENIA	FC	FC		
SPAIN	FC	FC		
SWEDEN	FC	FC		
SWITZERLAND	FC	PC	<p>3: Formal arrangements with originators are established within DCS. Stepwise improving and concluding end 2024 with all originators.</p> <p>(planned date: 31.12.2024)</p> <p>Between the AISP Skyguide and the DCS Provider a base contract with different Annexes is established and the SLA was signed in June 2022.</p>	
TAJIKISTAN		NC		
TUNISIA				
TURKIYE	FC	-PC	Directives and circulars on data collection, processing, verification and validation procedures and publication are available depending on organizational structure.	
TURKMENISTAN		NC		
UKRAINE		PC		

State	Quality Assurance /Quality Control	Formal Arrangement with Originators	Action Plan	Remarks
1	2	3	4	5
UNITED KINGDOM		FC		
UZBEKISTAN	FC	NCFC		

AIM implementation support plan activities/projects

No need for implementation support from ICAO

MID

AIM Baseline

Deficiencies in the AIM field										
EGYPT										
Item No	Identification		Deficiencies			Corrective Action				
	Requirement	Facilities/ Services	Description	Date first reported	Remarks/ Rationale for non-elimination		Facilities/ Services	Executing body	Date of completion	Priority for action
1	ANNEX 15 : 5.3.3.4.3 5.3.3.4.5 5.3.3.4.10	-	Lack of provision of required obstacle data sets	May 2014	-	O	Phase 1: Determine the required specification for Obstacles area 1 and 4; Phase 2: provide the required specification to Consultancy office to determine the implementing entity; Phase 3: Determine the implementing entity and begin to produce new software for eTOD; Phase 4: finish the new software and begin to produce eTOD area 4 (from existing raw data from Cairo International Airport Company); Phase 5 (in parallel with phase 4): begin to produce eTOD area 1 after get raw data Terrain	Egypt	Q4 2025	A

							data sets are provided for Areas 1 and 4. Terrain data sets for area 2a, TOFP and OLS are not provided.			
2	ANNEX 15: Para. 5.3.3.3.2 5.3.3.3.3 5.3.3.3.8	-	Lack of provision of required terrain data sets	Jan 2021	-	O	<p>Phase 1: Determine the required specification for Obstacles area 1 and 4;</p> <p>Phase 2: provide the required specification to Consultancy office to determine the implementing entity;</p> <p>Phase 3: Determine the implementing entity and begin to produce new software for eTOD; Phase 4: finish the new software and begin to produce eTOD area 4 (from existing raw data from Cairo</p>	Egypt	Q4 2025	A

							International Airport Company); Phase 5 (in parallel with phase 4): begin to produce eTOD area 1 after get raw data Terrain data sets are provided for Areas 1 and 4. Terrain data sets for area 2a, TOFP and OLS are not provided.			
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Deficiencies in the AIM field
IRAN

Item No	Identification		Deficiencies				Corrective Action			
	Requirement	Facilities/ Services	Description	Date first reported	Remarks/ Rationale for non-elimination		Facilities/ Services	Executing body	Date of completion	Priority for action
1	ANNEX 15: Para. 2.3.10 and 3.5.3	-	Lack of AIXM-based AIS Database	Dec 2007	-	O	Based on the Corrective action plan it's divided into two millstones, First; Setup up new software till DEC 2022, and Second Update the database by End of July 2024.	Iran	Dec 2025	A

2	ANNEX 15 : 5.3.3.4.3 5.3.3.4.5 5.3.3.4.10	-	Lack of provision of required obstacle data sets	Jan 2021	-	O	Obstacle data sets are available for Areas 1, 4 and 2a. Obstacle data sets for TOFP and OLS are not provided.	Iran	Dec 2026	A
3	ANNEX 15 : 5.3.3.3.2 5.3.3.3.3 5.3.3.3.8	-	Lack of provision of required terrain data sets	Jan 2021	-	O	Terrain data sets are available for Areas 1, 4 and 2a. Terrain data sets for TOFP and OLS are not provided.	Iran	Dec 2026	A

Deficiencies in the AIM field

IRAQ

Item No	Identification		Deficiencies				Corrective Action			
	Requirement	Facilities/ Services	Description	Date first reported	Remarks/ Rationale for non-elimination		Facilities/ Services	Executing body	Date of completion	Priority for action
1	ANNEX 4: Para. 16.2	-	Non-production of World Aeronautical Chart – ICAO 1:1 000 000	May 1995	-	F H S	Corrective Action Plan has not been formally provided by the State	Iraq	Dec 2024	B

2	ANNEX 15: Para. 1.2.1.1	-	Implementation of geoid undulation referenced to the WGS-84 ellipsoid	Dec 1997	-	F H O	Corrective Action Plan has not been formally provided by the State	Iraq	Dec 2024	A
3	ANNEX 15: Para. 3.6	QMS Implementation	Lack of Implementation of QMS	Jan 2003	-	F H O	Corrective Action Plan has not been formally provided by the State	Iraq	Dec 2024	A
4	ANNEX 15: Para. 5.5	-	Non provision of pre-flight information service at international airports	Mar 2004	-	F H O	Corrective Action Plan has not been formally provided by the State	Iraq	Dec 2024	A
5	ANNEX 15: Para.5.3.3.4.3 5.3.3.4.5 5.3.3.4.10	-	Lack of provision of required obstacle data sets	May 2014	-	O	Corrective Action Plan has not been formally provided by the State	Iraq	Dec 2024	A
6	ANNEX 15: Para. 5.3.3.3.2 5.3.3.3.3 5.3.3.3.8	-	Lack of provision of required terrain data sets	May 2014	-	O	Corrective Action Plan has not been formally provided by the State	Iraq	Dec 2024	A

Deficiencies in the AIM field

JORDAN

Item No	Identification		Deficiencies				Corrective Action			
	Requirement	Facilities/ Services	Description	Date first reported	Remarks/ Rationale for non-elimination		Facilities/ Services	Executing body	Date of completion	Priority for action
1	ANNEX 4: Para. 16.2	-	Non-production of World Aeronautical Chart – ICAO1:1 000 000	Feb 2008	-	F H	Corrective Action Plan has not been formally provided by the State	Jordan	Dec 2024	B
2	ANNEX 15: Para. 5.3.3.4.3 5.3.3.4.5 5.3.3.4.10	-	Lack of provision of required obstacle data sets	May 2014	-	F H	Corrective Action Plan has not been formally provided by the State	Jordan	Dec 2024	A
3	ANNEX 15: Para. 5.3.3.3.2 5.3.3.3.3 5.3.3.3.8	-	Lack of provision of required terrain data sets	May 2014	-	F H	Corrective Action Plan has not been formally provided by the State	Jordan	Dec 2024	A

Deficiencies in the AIM field

LEBANON

Item No	Identification	Deficiencies	Corrective Action
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	Requirement	Facilities/ Services	Description	Date first reported	Remarks/ Rationale for non-elimination		Facilities/ Services	Executing body	Date of completion	Priority for action
1	ANNEX 4: Para. 16.2	-	Non-production of World Aeronautical Chart – ICAO1:1 000 000	May 1995	-	H	Corrective Action Plan was provided in August 2016.	Lebanon	Dec 2024	B
2	ANNEX 15: Para. 3.6	QMS Implementation	Lack of Implementation of QMS	Jan 2003	(USOAP- CMA finding)	H	Corrective Action Plan was provided in August 2016.	Lebanon	Dec 2024	A
3	ANNEX 15: 5.3.3.4.3 5.3.3.4.5	-	Lack of provision of required obstacle data sets	May 2014	-	O	Corrective Action Plan was provided in August 2016.	Lebanon	Dec 2024	A
4	ANNEX 15: Para. 5.3.3.3.2 5.3.3.3.3	-	Lack of provision of required terrain data sets	May 2014	-	O	Corrective Action Plan was provided in August 2016.	Lebanon	Dec 2024	A

Deficiencies in the AIM field

LIBYA

Item No	Identification	Deficiencies	Corrective Action
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	Requirement	Facilities/ Services	Description	Date first reported	Remarks/ Rationale for non-elimination		Facilities/ Services	Executing body	Date of completion	Priority for action
1	ANNEX 4: Para. 16.2	-	Non-production of World Aeronautical Chart – ICAO 1:1 000 000	May 2014	-	O	Plan to Sign a contract with a specialized company for the production of this chart.	Libya	Dec 2024	B
2	ANNEX 15: Para. 5.3.3.4.3 5.3.3.4.5	-	Lack of provision of required obstacle data sets	May 2014	-	O	Corrective Action Plan has not been formally provided by the State	Libya	Dec 2024	A
3	ANNEX 15: Para. 5.3.3.3.2 5.3.3.3.3	-	Lack of provision of required terrain data sets	May 2014	-	O	Corrective Action Plan has not been formally provided by the State	Libya	Dec 2024	A
4	ANNEX 15: Para. 2.3.10 and 3.5.3	-	Lack of AIXM-based AIS Database	May 2014	-	O	The installation of AIM equipment has been completed , Awaiting for Data Migration	Libya	Dec 2024	A
5	ANNEX 15: Para. 3.6	QMS Implementation	Lack of Implementation of QMS	May 2014	(USOAP-CMA finding)	O	An agreement with an International quality company is Established to assist for Progressive implementation of Quality systems within LYCAA ; AIS QMS is expected to be fully Implemented by DEC 2024	Libya	Dec 2024	A

Deficiencies in the AIM field

OMAN

Item No	Identification		Deficiencies				Corrective Action			
	Requirement	Facilities/ Services	Description	Date first reported	Remarks/ Rationale for non-elimination		Facilities/ Services	Executing body	Date of completion	Priority for action
1	ANNEX 15: Para. 2.3.10 and 3.5.3	-	Lack of AIXM-based AIS Database	Jul 2005	-	O	Scope of work has been developed; Tender has been floated; Contract to be signed with a company to start AIP data migration and provision of the AIXM-based AIS Database	Oman	June 2024	A
2	ANNEX 15: Para. 5.3.3.4.3 5.3.3.4.5	-	Lack of provision of required obstacle data sets	May 2014	-	O	TOD implementation working group has been established; TOD implementation focal points have been nominated; TOD policy to be developed; Tender to be floated; Contract to be signed with a company to provide obstacle data sets for Area 1, 2a , TOFP and OLS penetrations at aerodromes.	Oman	Dec 2025	A
3	ANNEX 15: Para. 5.3.3.3.2 5.3.3.3.3	-	Lack of provision of required terrain data sets	May 2014	-	O	TOD implementation working group has been established;	Oman	Dec 2025	

							<p>TOD implementation focal points have been nominated;</p> <p>TOD policy to be developed;</p> <p>Tender to be floated;</p> <p>Contract to be signed with a company to provide terrain data sets for Area 1, 2a , TOFP and OLS penetrations at aerodromes.</p>			A
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Deficiencies in the AIM field

SUDAN

Item No	Identification		Deficiencies				Corrective Action			
	Requirement	Facilities/ Services	Description	Date first reported	Remarks/ Rationale for non-elimination		Facilities/ Services	Executing body	Date of completion	Priority for action
1	ANNEX 15: Para. 5.3.3.4.3 5.3.3.4.5	-	Lack of provision of required obstacle data sets	May 2014	-	O	Corrective Action Plan has not been formally provided by the State	Sudan	Dec 2024	A

2	ANNEX 15: Para. 5.3.3.3.2 5.3.3.3.3	-	Lack of provision of required terrain data sets	May 2014	-	O	Corrective Action Plan has not been formally provided by the State	Sudan	Dec 2024	A
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Deficiencies in the AIM field

SYRIA

Item No	Identification		Deficiencies				Corrective Action			
	Requirement	Facilities/ Services	Description	Date first reported	Remarks/ Rationale for non-elimination		Facilities/ Services	Executing body	Date of completion	Priority for action
1	ANNEX 4: Para. 16.2	-	Non-production of World Aeronautical Chart – ICAO1:1 000 000	May 1995	-	F H S	Corrective Action Plan has not been formally provided by the State	Syria	Dec 2024	B
2	ANNEX 15: Para 6.2	-	Lack of a system for AIRAC adherence monitoring	May 1995	-	F H	Corrective Action Plan has not been formally provided by the State	Syria	Dec 2024	A
3	ANNEX 15: Para. 1.2.1.1	-	Implementation of geoid undulation referenced to the WGS-84 ellipsoid.	Jan 2003	-	F H	Corrective Action Plan has not been formally provided by the State	Syria	Dec 2024	A

4	ANNEX 15: Para. 3.6	QMS Implementation	Lack of Implementation of QMS	Jan 2003	(USOAP- CMA finding)	F H	Corrective Action Plan has not been formally provided by the State	Syria	Dec 2024	A
5	ANNEX 15 Para. 5.2 and 6.3.1	-	Lack of consistency in AIP information and lack of regular and effective updating of the AIP.	Jul 2005	-	H	Corrective Action Plan has not been formally provided by the State	Syria	Dec 2024	A
6	ANNEX 15: Para. 2.3.10 and 3.5.3	-	Lack of AIXM- based AIS Database	Jul 2005	-	F H	Corrective Action Plan has not been formally provided by the State	Syria	Dec 2024	A
7	ANNEX 15: Para. 5.5	-	Non provision of pre-flight information service at international airports	Jul 2005	-	F H	Corrective Action Plan has not been formally provided by the State	Syria	Dec 2024	A
8	ANNEX 15: Para. 5.3.3.4.3 5.3.3.4.5	-	Lack of provision of required obstacle data sets	May 2014	-	O	Corrective Action Plan has not been formally provided by the State	Syria	Dec 2024	A
9	ANNEX 15: Para. 5.3.3.3.2 5.3.3.3.3	-	Lack of provision of required terrain data sets	May 2014	-	O	Corrective Action Plan has not been formally provided by the State	Syria	Dec 2024	A

Deficiencies in the AIM field

YEMEN

Item No	Identification		Deficiencies				Corrective Action			
	Requirement	Facilities/ Services	Description	Date first reported	Remarks/ Rationale for non-elimination		Facilities/ Services	Executing body	Date of completion	Priority for action
1	ANNEX 4: Para. 16.2	-	Non-production of World Aeronautical Chart – ICAO1:1 000 000	May 1995	-	F	Corrective Action Plan has not been formally provided by the State	Yemen	Dec 2024	B
2	ANNEX 15: Para 6.2	-	Lack of a system for AIRAC adherence monitoring	May 1995	-	H O	Corrective Action Plan has not been formally provided by the State	Yemen	Dec 2024	A
3	ANNEX 4: Para. 11.2	-	Non-production of Instrument Approach Chart- ICAO for TAIZ Intl. Airport	Jan 2003	-	O	Corrective Action Plan has not been formally provided by the State	Yemen	Dec 2025	A
4	ANNEX 15: Para. 3.6	QMS Implementation	Lack of Implementation of QMS	Jan 2003	-	F	Corrective Action Plan has not been formally provided by the State	Yemen	Dec 2024	A
5	ANNEX 15: Para. 5.5	-	Non provision of pre-flight information service at	Mar 2004	-	F H	Corrective Action Plan has not been formally provided by the State	Yemen	Dec 2024	A

			international airports							
6	ANNEX 15: Para. 2.3.10 and 3.5.3	-	Lack of AIXM- based AIS Database	Jul 2005	-	F	Corrective Action Plan has not been formally provided by the State	Yemen	Dec 2024	A
7	ANNEX 15 : Para 5.3.3.3.2 5.3.3.3.3	-	Lack of provision of required terrain data sets	May 2014	-	O	Corrective Action Plan has not been formally provided by the State	Yemen	Dec 2024	A
8	ANNEX 15 : Para. 5.3.3.4.3 5.3.3.4.5	-	Lack of provision of required obstacle data sets	May 2014	-	O	Corrective Action Plan has not been formally provided by the State	Yemen	Dec 2024	A

TABLE ASBU-MID-DAIM 3-1

Automated Data-Centric Environment

EXPLANATION OF THE TABLE

Column:

1 Name of the State or territory.

2 *Level of Automation*, shown by:

0 – Manual

1 – Data Centric

2 – Automated Workflow

3 – Full AIM Integration

Note 1 – Guidance on automation and description of different levels of automation are contained in Doc 8126 (Aeronautical Information Services Manual), Part II, Chapter 7 (7.4).

3 Implementation of *Automated processes - Data collection (interfaces with data originators)*, shown by:

FI – Fully Implemented: *when Data collection is at level 3 automation*

PI – Partially Implemented: *when Data collection is at level 1 or 2 automation*

NI – Not Implemented: *when Data collection is at level 0 automation*

Note 2 — Guidance on the levels of automation are contained in Doc 8126 (Aeronautical Information Services Manual), Part II, 7.4.

Note 3 — Additional guidance on the components of an automated AIM system (Data Input) are contained in Doc 8126 (Aeronautical Information Services Manual), Part II, 7.5.1.

4 Implementation of *Automated processes - Data processing*, shown by:

FI – Fully Implemented: *when Data processing is at level 3 automation*

PI – Partially Implemented: *when Data processing is at level 1 or 2 automation*

NI – Not Implemented: *when Data processing is at level 0 automation*

Note 5 — Guidance on the levels of automation are contained in Doc 8126 (Aeronautical Information Services Manual), Part II, 7.4.

Note 6 — Additional guidance on the components of an automated AIM system (Core Processing System and Data Storage) are contained in Doc 8126 (Aeronautical Information Services Manual), Part II, 7.5.2 and 7.5.3.

5 Implementation of *Automated processes - Data provision/distribution*, shown by:

FI – Fully Implemented: *when Data provision/distribution is at level 3 automation*
 PI – Partially Implemented: *when Data provision/distribution is at level 1 or 2 automation*

NI – Not Implemented: *when Data provision/distribution is at level 0 automation*

Note 7 — Guidance on the levels of automation are contained in Doc 8126 (Aeronautical

Information Services Manual), Part II, 7.4.

Note 8 — Additional guidance on the components of an automated AIM system (Data Product Preparation) are contained in Doc 8126 (Aeronautical Information Services Manual), Part II, 7.5.4.

6 Implementation of Automated data-centric environment based on (AIXM V5.1+), shown by:

FI – Fully Implemented: *when State has migrated to AIM automated data-centric environment based on (AIXM V5.1+)*

NI – Not Implemented: *when no AIS database available or when State has not migrated to an AIM automated data-centric environment based on AIXM V5.1+*

7 Action Plan – short description of the State’s Action Plan with regard to the implementation of the items 2 to 5, especially for items with a “PI” or “NI” status, including planned date(s) of full implementation, as appropriate.

8 Remarks – additional information, including detail of “PI” and “NI”, as appropriate.

State	Level of Automation (Overall)	Automated Processes			Automated data-centric environment based on (AIXM V5.1+)	Action Plan	Remarks
		Data collection (interfaces with data originators)	Data Processing	Data provision/distribution			
1	2	3	4	5	6	7	8
BAHARAIN	2	FI	FI	FI	FI		
EGYPT	2	PI	FI	PI	FI		<i>going to be fully automated by the end of 2027</i>
IRAN,							
IRAQ	0	NI	NI	NI	NI		
JORDAN	1	PI	FI	FI	NI		

KUWAIT	2	PI	FI	FI	NI		
LEBANON	1	NI	PI	NI	NI		
LIBYA	0	PI	PI	PI	NI		
OMAN	0	NI	PI	PI	NI		
QATAR	3	FI	FI	FI	FI		
SAUDI ARABIA	3	FI	FI	FI	FI		
SUDAN	1	PI	PI	PI	NI		
SYRIA	0	NI	NI	NI	NI		
UAE	2	PI	PI	FI	FI		
YEMEN							

AIM implementation support plan activities/projects

Year	Timeframe	Programme	Objectives	Type of event	Location	Name
2026	Q2	AIS to AIM	Terrain data sets, obstacle data sets	State	Chad	Implementation support assistance to Chad
2026	Q2	AIS to AIM	AIXM, eAIP, Terrain data sets, Obstacle data sets	State	Cameroon	Implementation support assistance to Cameroon
2026	Q3	AIS to AIM	AIXM, eAIP, Terrain data sets, Obstacle data sets	State	Ghana	Implementation support assistance to Ghana
2027	Q2	AIS to AIM	Instruments Flight Procedure datasets, Aerodrome mapping datasets	Regional	Senegal	Workshop on validation of generic documents for implementation of IFP and AMDB
2027	Q2	AIS to AIM	Quality assurance, NOTAM improvement	Regional	Senegal	Workshop on validation of generic documents for monitoring of the Aeronautical information quality and Improvement of NOTAM
2027	Q3	AIS to AIM	Instruments Flight Procedure datasets, Aerodrome mapping datasets	State	Togo	Implementation support assistance to Togo
2027	Q3	AIS to AIM	Instruments Flight Procedure datasets, Aerodrome mapping datasets	State	Sierra Leone	Implementation support assistance to Sierra Leone
2027	Q3	AIS to AIM	Quality assurance, NOTAM improvement	State	Nigeria	Implementation support assistance to Nigeria
2028	Q1	AIS to AIM	SWIM implementation	Regional	Senegal	SWIM Implementation workshop
2028	Q2	AIS to AIM	Instruments Flight Procedure datasets, Aerodrome mapping datasets	State	Gabon	Implementation support assistance to Gabon

SAM

AIM Baseline

Table 1 - Provision of AIM products and services of ASBU elements DAIM-B1/1 and DAIM-B1/2 - SAM

SAM States	<i>DAIM-B1/1 - Provision of quality-assured aeronautical data and information</i>				<i>DAIM-B1/2 - Provision of digital Aeronautical Information Publication (AIP) data sets</i>						Remarks
	QMS	SLA	AIRAC	WGS-84	AIXM DB	AIXM Version	eAIP	AIP Data sets	Terrain DDS	Obstacle DDS	
1	2	3	4	5	6		7	8	9	10	11
Argentina	PI	PI	FI	FI	FI	V4.0	FI	FI	PI	PI	
Brasil	FI	FI	FI	FI	FI	Not information	FI	FI	FI	FI	
Bolivia	FI	PI	FI	PI	NI	NI	NI	NI	NI	NI	
Chile	FI	FI	FI	FI	NI	NI	NI	PI	PI	PI	
Colombia	FI	PI	FI	FI	FI	V4.0	FI	FI	PI	PI	
Guyana	PI	PI	FI	PI	NI	NI	NI	NI	NI	NI	
Ecuador	PI	PI	FI	FI	PI	Not information	NI	PI	PI	PI	
Panamá	FI	PI	FI	FI	FI	Not information	NI	PI	NI	NI	
Paraguay	FI	PI	FI	FI	PI	Not information	PI	PI	PI	PI	
Perú	FI	PI	FI	PI	PI	Not information	PI	PI	NI	NI	
Suriname	PI	NI	PI	PI	NI	NI	NI	PI	NI	NI	
Uruguay	FI	FI	FI	FI	NI	NI	PI	PI	PI	PI	
Venezuela	PI	PI	PI	PI	PI	Not information	FI	PI	PI	PI	

Remarks:

1) Argentina:

- e-AIP implemented but license not renewed
- QMS implemented and certified but not updated to ISO 9001:2015
- Terrain DDS provided by the National Geographic Service
- Obstacle DDS was raised by the now-defunct Directorate General of Air Traffic Control with support from ESRI, and was submitted in AIXM (2018) format

2) Brazil: All implemented

3) Bolivia is working on the technical specifications for acquiring the software for the e-AIP and the digital datasets.

4) Chile has Terrain and Obstacle Data Set (DDS), but they are in CSV format. It has not acquired software for managing aeronautical information, so it cannot implement the availability of the database in AIXM format.

5) Colombia has implemented the e-AIP but has not completed the construction of the DDS related to Obstacles and Terrain.

6) Guyana requested support in preparing the technical specifications for acquiring aeronautical information management software, which would support the preparation of the e-AIP and its digital datasets.

7) Ecuador has made progress with the QMS but haven't renewed the certification. Regarding the e-AIP, they prepared all the documentation for the tender to acquire it, but they did not acquire it until 2025. As for the terrain and obstacle data systems, Ecuador has surveyed the data, but it's not available in digital format.

8) Panama had a beta version of an e-AIP with some implemented databases, but they have changed software providers. Regarding terrain and obstacle DDS, they have initiated some processes with airport operators, but without significant progress.

9) Paraguay had a beta version of an e-AIP with databases implemented. Regarding terrain and obstacle DDS, they implemented but in CSV format.

10) Perú is preparing the final version of its e-AIP with some implemented databases. Regarding terrain and obstacle DDS, they have initiated some processes with airport operators, but without significant progress.

11) Suriname: no progress in the implementation of phases 1 and 2. The only State in the Region working with paper.

12) Uruguay is working on the technical specifications for acquiring the software for the e-AIP and the digital datasets. The digital terrain dataset is provided by the Uruguayan Military Service, and the obstacle datasets are all available but in CSV format.

13) Venezuela has the software for aeronautical information management, implementing the e-AIP and its digital data sets.

AIM implementation support plan activities/projects

Year	Timeframe	Programme	Objectives	Type of event*	Location	Name	Remarks
2026	Q2	Phase 2- Going digital: transition from AIS to AIM	All	Inter Regional	Panama	Joint NACC/SAM meeting for AIM (SAM/AIM/18 and AIM/TF/9)	Monitoring the implementation of the AIS to AIM Transition Roadmap and agreeing on NACC/SAM regional coordination for AIM and SWIM
2026	Q3	Phase 1- AIS Consolidation	QMS	Regional	Virtual	QMS/AIM Internal Auditor Training Course	Course designed to train auditors to ensure the generational replacement of auditors in the States (Course contracted through a private provider)
2026	Q3	Phase 1- AIS Consolidation	All	Inter Regional	Mexico	Workshop on Monitoring the Implementation of the Basic Constituent Elements (BBBs) for MET and AIM	Joint activity with the NACC region with the objective of monitoring the implementation of the BBBs for MET and AIM
2026	Q4	Phase 2- Going digital: transition from AIS to AIM	All	Group 1	Chile	Workshop on Digital Data Sets (DDS) to enable the transition to SWIM	
2026	Q4	Phase 2- Going digital: transition from AIS to AIM	Automation	State	Guyana	Technical assistance to Guyana to prepare technical requirements for the acquisition of AIM software	

2026	Q4	Phase 2- Going digital: transition from AIS to AIM	Automation	State	Peru	Technical assistance to Peru to prepare Service Level Agreements and implementing Data Catalogue	
2027	Q2	Phase 2- Going digital: transition from AIS to AIM		Regional	Lima	SAM meeting for AIM (SAM/AIM/19)	Follow up the implementation of the AIS to AIM Transition Roadmap
2027	Q3	Phase 1- AIS Consolidation	All	State	Suriname	Technical assistance to Suriname to ensure the provision of basic AIS	
2027	Q3	Phase 3- Provision of AIM information over SWIM	All	Inter Regional	TBD	Joint meeting to assess the implementation of SWIM and its enablers in the NACC/SAM Regions	Follow-up to the conclusion of GREPECAS/23 related to SWIM/TF
2027	Q3	Phase 3- Provision of AIM information over SWIM	All	Regional	Lima	Workshop/Seminar on the implementation of SWIM as an enabler for FF-ICE	Disseminate information related to SWIM and promote the advancement of its implementation as a key enabler for FF-ICE
2027	Q4	Phase 3- Provision of AIM information over SWIM	All	Group 1	Colombia	Workshop on technical infrastructure to transition to SWIM	It might include Venezuela, Panama and Colombia
2028	Q2	Phase 3- Provision of AIM	All	Regional	TBD	Joint meeting to assess the implementation of SWIM and its enablers	Follow-up to the conclusion of GREPECAS/23 related to SWIM/TF

		information over SWIM				in the NACC/SAM Regions	
2028	Q2	Phase 2- Going digital: transition from AIS to AIM	All	Group 2	TBD	Technical Assistance to Group 2 States	Strengthening the capacities of States for the implementation of the second phase of the AIS to AIM Roadmap
2028	Q3	Phase 2- Going digital: transition from AIS to AIM	All	Regional	Lima	Follow up the implementation of the AIS to AIM Transition Roadmap	SAM meeting for AIM (SAM/AIM/20)
2028	Q3	Phase 3- Provision of AIM information over SWIM	All	Group 1	Ecuador	Workshop on technical infrastructure to transition to SWIM	It might include Venezuela, Panama, Colombia and Ecuador.

*Group 1: Chile, Argentina, Paraguay, Uruguay, Bolivia and Peru
Group 2 : Panamá, Bolivia, Ecuador, Guyana and Suriname

WACAF
AIM Baseline

DAIM Digital Aeronautical Information Management: Status of Implementation in WACAF

Explanation of the tables

Column number	Description
1	Name of the State
2 - xx	Status of implementation status: FI – Fully Implemented, PI – Partially Implemented NI – Not Implemented, N/A – Not Applicable
yy	Remarks — additional information, including detail of “FI”, “PI”, “NI” and “N/A”, as appropriate.

Table 1 - Provision of AIM products and services of ASBU elements DAIM-B1/1 and DAIM-B1/2 - WACAF

WACAF States	<i>DAIM-B1/1 - Provision of quality-assured aeronautical data and information</i>				<i>DAIM-B1/2 - Provision of digital Aeronautical Information Publication (AIP) data sets</i>				Remarks
	QMS	SLA	AIRAC	WGS-84	AIXM DB	AIXM Version	eAIP	AIP Data sets	
1	2	3	4	5	6		7	8	9
Benin	FI	PI	PI	PI	FI	V4.5	FI	NI	ASECNA State
Burkina Faso	FI	PI	PI	PI	FI	V4.5	FI	NI	ASECNA State
Cameroon	FI	PI	PI	PI	FI	V4.5	FI	NI	ASECNA State
Cabo Verde	FI	PI	PI	PI	FI	V5.1	FI	NI	
Central African Republic	FI	PI	PI	PI	FI	V4.5	FI	NI	ASECNA State
Chad	FI	PI	PI	PI	FI	V4.5	FI	NI	ASECNA State
Congo	FI	PI	PI	PI	FI	V4.5	FI	NI	ASECNA State
Cote d'Ivoire	FI	PI	PI	PI	FI	V4.5	FI	NI	ASECNA State
Democratic Republic of Congo	NI	NI	PI	PI	NI		NI	NI	
Equatorial Guinea	FI	PI	PI	PI	FI	V4.5	FI	NI	ASECNA State
Gabon	FI	PI	PI	PI	FI	V4.5	FI	NI	ASECNA State
Gambia	NI	NI	PI	PI	PI	V4.5	PI	NI	Partnership with ASECNA for hosting AIXM and eAIP
Ghana	FI	PI	PI	PI	NI		NI	NI	
Guinea Bissau	FI	PI	PI	PI	FI	V4.5	FI	NI	ASECNA State
Guinea	FI	NI	PI	PI	NI		NI	NI	Roberts FIR State
Liberia	FI	NI	PI	PI	NI		NI	NI	Roberts FIR State
Mali	FI	PI	PI	PI	FI	V4.5	FI	NI	ASECNA State
Mauritania	FI	PI	PI	PI	FI	V4.5	FI	NI	ASECNA State
Niger	FI	PI	PI	PI	FI	V4.5	FI	NI	ASECNA State
Nigeria	FI	PI	PI	PI	NI		NI	NI	
Sao Tome & Principe	NI	NI	PI	PI	NI		NI	NI	
Senegal	FI	PI	PI	PI	FI	V4.5	FI	NI	ASECNA State
Sierra Leone	FI	NI	PI	PI	NI		NI	NI	Roberts FIR State
Togo	FI	PI	PI	PI	FI	V4.5	FI	NI	ASECNA State

Table 2 - Provision of AIM products and services of ASBU elements DAIM-B1/3 and DAIM-B1/4 - WACAF

WACAF States	<i>DAIM-B1/3 - Provision of digital terrain data sets</i>				<i>DAIM-B1/4 - Provision of digital obstacle data sets</i>				Remarks
	Area 1	Area 2	Area 3	Area 4	Area 1	Area 2	Area 3	Area 4	
1	2	3	4	5	6	7	8	9	10
Benin	NI	NI	NI	NI	NI	NI	NI	NI	ASECNA State
Burkina Faso	NI	NI	NI	NI	NI	NI	NI	NI	ASECNA State
Cameroon	NI	NI	NI	NI	NI	NI	NI	NI	ASECNA State
Cabo Verde	NI	NI	NI	NI	NI	NI	NI	NI	
Central African Republic	NI	NI	NI	NI	NI	NI	NI	NI	ASECNA State
Chad	NI	NI	NI	NI	NI	NI	NI	NI	ASECNA State
Congo	NI	NI	NI	NI	NI	NI	NI	NI	ASECNA State
Cote d'Ivoire	NI	NI	NI	NI	NI	NI	NI	NI	ASECNA State
Democratic Republic of Congo	NI	NI	NI	NI	NI	NI	NI	NI	
Equatorial Guinea	NI	NI	NI	NI	NI	NI	NI	NI	ASECNA State
Gabon	NI	NI	NI	NI	NI	NI	NI	NI	ASECNA State
Gambia	NI	NI	NI	NI	NI	NI	NI	NI	Partnership with ASECNA for hosting AIXM and eAIP
Ghana	NI	NI	NI	NI	NI	NI	NI	NI	
Guinea Bissau	NI	NI	NI	NI	NI	NI	NI	NI	ASECNA State
Guinea	NI	NI	NI	NI	NI	NI	NI	NI	Roberts FIR State
Liberia	NI	NI	NI	NI	NI	NI	NI	NI	Roberts FIR State
Mali	NI	NI	NI	NI	NI	NI	NI	NI	ASECNA State
Mauritania	NI	NI	NI	NI	NI	NI	NI	NI	ASECNA State
Niger	NI	NI	NI	NI	NI	NI	NI	NI	ASECNA State
Nigeria	NI	NI	NI	NI	NI	NI	NI	NI	
Sao Tome & Principe	NI	NI	NI	NI	NI	NI	NI	NI	
Senegal	NI	NI	NI	NI	NI	NI	NI	NI	ASECNA State
Sierra Leone	NI	NI	NI	NI	NI	NI	NI	NI	Roberts FIR State
Togo	NI	NI	NI	NI	NI	NI	NI	NI	ASECNA State

Table 3 - Provision of AIM products and services of ASBU elements DAIM-B1/5, DAIM-B1/6 and DAIM-B1/7 - WACAF

WACAF States	<i>DAIM-B1/5 - Provision of aerodrome mapping data sets</i>	<i>DAIM-B1/6 - Provision of digital instrument flight procedure data sets</i>	<i>DAIM-B1/7 - NOTAM improvements</i>	Remarks
	Aerodrome mapping data sets	Digital instrument flight procedure data sets	NOTAM of required quality	
1	2	3	4	5
Benin	NI	NI	PI	ASECNA State
Burkina Faso	NI	NI	PI	ASECNA State
Cameroon	NI	NI	PI	ASECNA State
Cape Verde	NI	NI	PI	
Central African Republic	NI	NI	PI	ASECNA State
Chad	NI	NI	PI	ASECNA State
Congo	NI	NI	PI	ASECNA State
Cote d'Ivoire	NI	NI	PI	ASECNA State
Democratic Republic of Congo	NI	NI	PI	
Equatorial Guinea	NI	NI	PI	ASECNA State
Gabon	NI	NI	PI	ASECNA State
Gambia	NI	NI	PI	Partnership with ASECNA for hosting AIXM and eAIP
Ghana	NI	NI	PI	
Guinea Bissau	NI	NI	PI	ASECNA State
Guinea	NI	NI	PI	Roberts FIR State
Liberia	NI	NI	PI	Roberts FIR State
Mali	NI	NI	PI	ASECNA State
Mauritania	NI	NI	PI	ASECNA State
Niger	NI	NI	PI	ASECNA State
Nigeria	NI	NI	PI	
Sao Tome & Principe	NI	NI	PI	
Senegal	NI	NI	PI	ASECNA State
Sierra Leone	NI	NI	PI	Roberts FIR State
Togo	NI	NI	PI	ASECNA State

AIM Implementation support plan activities/projects

Year	Timeframe	Programme	Objectives	Type of event	Location	Name
2026	Q2	Phase 2- Going digital:	Terrain data sets, obstacle data sets	State	Chad	Implementation support assistance to Chad

		transition from AIS to AIM				
2026	Q2	Phase 2- Going digital: transition from AIS to AIM	AIXM, eAIP, Terrain data sets, Obstacle data sets	State	Cameroon	Implementation support assistance to Cameroon
2026	Q3	Phase 2- Going digital: transition from AIS to AIM	AIXM, eAIP, Terrain data sets, Obstacle data sets	State	Ghana	Implementation support assistance to Ghana
2027	Q2	Phase 2- Going digital: transition from AIS to AIM	Instruments Flight Procedure datasets, Aerodrome mapping datasets	Regional	Senegal	Workshop on validation of generic documents for implementation of IFP and AMDB
2027	Q2	Phase 1- AIS Consolidation	Quality assurance, NOTAM improvement	Regional	Senegal	Workshop on validation of generic documents for monitoring of the Aeronautical information quality and Improvement of NOTAM
2027	Q3	Phase 2- Going digital: transition from AIS to AIM	Instruments Flight Procedure datasets, Aerodrome mapping datasets	State	Togo	Implementation support assistance to Togo
2027	Q3	Phase 2- Going digital: transition from AIS to AIM	Instruments Flight Procedure datasets, Aerodrome mapping datasets	State	Sierra Leone	Implementation support assistance to Sierra Leone
2027	Q3	Phase 1- AIS Consolidation	Quality assurance, NOTAM improvement	State	Nigeria	Implementation support assistance to Nigeria
2028	Q1	Phase 3- Provision of AIM information over SWIM	SWIM implementation	Regional	Senegal	SWIM Implementation workshop
2028	Q2	Phase 2- Going digital: transition from AIS to AIM	Instruments Flight Procedure datasets, Aerodrome mapping datasets	State	Gabon	Implementation support assistance to Gabon

