



International Civil Aviation Organization

MIDANPIRG AIM Sub-Group

Sixth Meeting (AIM SG/6)
(Cairo, Egypt, 21-23 January 2020)

AIM SG/6-WP/9
07/01/2020

Agenda Item 4: AIM Planning and Implementation in the MID Region

**ASBU IMPLEMENTATION MONITORING:
MID AIR NAVIGATION REPORT**

(Presented by the Secretariat)

<p>SUMMARY</p> <p>This paper provides an update on the ASBU implementation in the MID Region (B0-DATM), through the MID Region Air Navigation Report and the MID eANP Volume III.</p> <p>Action by the meeting is at paragraph 3.</p>
<p>REFERENCES</p> <p>- MIDANPIRG/17 RASG-MID/7 Report</p>

1. INTRODUCTION

1.1 The meeting may wish to recall that the MIDANPIRG/17 meeting endorsed the Third Edition of the MID Air Navigation Report (2018).

2. DISCUSSION

Third Edition of the MID Air Navigation Report (2018)

2.1 The meeting may wish to note that the MIDANPIRG/17 meeting reviewed and, through MIDANPIRG Conclusion 17/9, endorsed the Third Edition of the MID Region Air Navigation Report (2018). The MID Region Air Navigation Report (2018) is available on the ICAO MID website at: www.icao.int/mid

2.2 The meeting may wish to note that the overall implementation of priority 1 ASBU Block 0 Modules in the MID Region is around 58% compared to 55% in 2017. The implementation of some modules has been acceptable/good; such as B0-ACAS, B0-AMET and B0-DATM. Nevertheless, some States are still facing challenges to implement the majority of the Block 0 Modules. The status of implementation of the ASBU Block 0 Modules also shows that Bahrain, Egypt, Jordan, Kuwait, Qatar, Saudi Arabia and UAE made a good progress in the implementation of the priority 1 ASBU Block 0 Modules.

Fourth Edition of the MID Region Air Navigation Report (2019)

2.3 The meeting may wish to recall that the MIDANPIRG/17 meeting agreed that the ICAO MID Office should start the development of the Fourth Edition of the MID Region Air Navigation Report (2019). Therefore, States should provide the ICAO MID Office, with necessary data as soon as possible. Accordingly, the meeting agreed on the following MIDANPIRG Conclusion:

MIDANPIRG CONCLUSION 17/10: MID REGION AIR NAVIGATION REPORT (2019)

That,

- a) States be urged to provide the ICAO MID Office, with relevant data necessary for the development of the Fourth Edition of the MID Region Air Navigation Report (2019), by 1 December 2019;*
- b) the MID Region Air Navigation Report (2019) be presented to the MSG/7 for endorsement.*

MID eANP Volume III

2.4 The meeting may wish to recall that the MIDANPIRG/17 meeting reviewed and agreed to the changes to the MID eANP Volume III, proposed by the MIDANPIRG Subsidiary Bodies, as at **Appendix A**.

3. ACTION BY THE MEETING

3.1 The meeting is invited to:

- a) review and update the MID eANP Volume III (B0-DATM Tables), at **Appendix A**; and
- b) urge States to provide the ICAO MID Office, with relevant data necessary for the development of the Fourth Edition of the MID Region Air Navigation Report (2019), by **15 February 2020**.

APPENDIX A

B0-DATM Enablers/Tables

In order to assist States in the planning for the transition from AIS to AIM in an expeditious manner, the following Tables, which provide more details than the standard ANRF, should be used:

- 1- **Table B0-DATM 3-1** sets out the requirements for the Provision of AIS/AIM products and services based on the Integrated Aeronautical Information Database (IAID). It reflects the transition from the current product centric AIS to data centric AIM. For the future digital environment it is important that the authoritative databases are clearly designated and such designation must be published for the users. This is achieved with the concept of the Integrated Aeronautical Information Database (IAID), a single access point for one or more authoritative databases (AIP, Terrain, Obstacles, AMDB, etc) for which the State is responsible. This Table will be used for the monitoring of the Key Performance Indicators (KPIs) related to elements Nr. 1 and 2 of the Module B0-DATM.
- 2- **Table B0-DATM 3-2** sets out the requirements for aeronautical data quality. It will be used for the monitoring of the Key Performance Indicators (KPIs) related to the element Nr. 3 of the Module B0-DATM.
- 3- **Table B0-DATM 3-3** sets out the requirements for the implementation of the World Geodetic System – 1984 (WGS-84). The requirement to use a common geodetic system remains essential to facilitate the exchange of data between different systems. The expression of all coordinates in the AIP and charts using WGS-84 is an important first step for the transition to AIM. This Table will be used for the monitoring of the Key Performance Indicators (KPIs) related to the element Nr. 4 of the Module B0-DATM.
- 4- **Table B0-DATM 3-4-1** sets out the requirements for the provision of Terrain and Obstacle data sets for Area 1 and Area 4. It will be used for the monitoring of the Key Performance Indicators (KPIs) related to the element Nr. 5 of the Module B0-DATM.
- 5- **Table B0-DATM 3-4-2** sets out the requirements for the provision of Terrain and Obstacle data sets for Area 2. It will be used for the monitoring of the Key Performance Indicators (KPIs) related to the element Nr. 5 of the Module B0-DATM.
- 6- **Table B0-DATM 3-4-3** sets out the requirements for the provision of Terrain and Obstacle data sets for Area 3 and implementation of Airport Mapping Databases (AMDB). It will be used for the monitoring of the Key Performance Indicators (KPIs) related to the element Nr. 5 of the Module B0-DATM.

Table B0-DATM 3-1

Provision of AIS/AIM products and services based on the Integrated Aeronautical Information Database (IAID)

EXPLANATION OF THE TABLE

Column:

- 1 Name of the State or territory for which the provision of AIS/AIM products and services based on the IAID is required.
- 2 Requirement for the implementation and designation of the authoritative IAID, shown by:
FI – Fully Implemented
NI – Not Implemented
Note 1 — The IAID of a State is a single access point for one or more databases (AIP, Terrain, Obstacles, AMDDB, etc). The minimum set of databases which should be integrated is defined in Annex 15.
Note 2 — The information related to the designation of the authoritative IAID should be published in the AIP (GEN 3.1)
- 3 Requirement for an IAID driven AIP production, shown by:
FI – Fully Implemented (eAIP: Text, Tables and Charts)
PI – Partially Implemented
NI – Not Implemented
Note 3 — AIP production includes, production of AIP, AIP Amendments and AIP Supplements
Note 4 — Charts' GIS-based database should be interoperable with AIP database
- 4 Requirement for an IAID driven NOTAM production, shown by:
FC – Fully Compliant
NC – Not Compliant
- 5 Requirement for an IAID driven SNOWTAM processing, shown by:
FI – Fully Implemented
NI – Not Implemented
- 6 Requirement for an IAID driven PIB production, shown by:
FC – Fully Compliant
PC – Partially Compliant
NC – Not Compliant
- 7 Requirement for Procedure design systems to be interoperable with the IAID, shown by:
FI – Fully Implemented
PI – Partially Implemented
NI – Not Implemented
Note 5 — full implementation includes the use of the IAID for the design of the procedures and for the storage of the encoded procedures in the IAID
- 8 Requirement for ATS systems to be interoperable with the IAID, shown by:
FI – Fully Implemented

PI – Partially Implemented

NI – Not Implemented

- 9 Action Plan — short description of the State’s Action Plan with regard to the provision of AIM products and services based on the IAID, especially for items with a “PC”, “PI”, “NC” or “NI” status, including planned date(s) of full compliance, as appropriate.
- 10 Remarks — additional information, including detail of “PC”, “NC”, “PI” and “NI”, as appropriate.

TABLE B0-DATM-3-1**Provision of AIS/AIM products and services based on the Integrated Aeronautical Information Database (IAID)**

State	IAID	AIP	NOTAM	SNOWTAM	PIB	Procedure Design	ATS	Action Plan	Remarks
<i>1</i>	<i>2</i>	<i>3</i>	<i>4</i>	<i>5</i>	<i>6</i>	<i>7</i>	<i>8</i>	<i>9</i>	<i>10</i>
BAHARAIN	FI	FI	FC	FI	FC	PI	FI		AIXM: 5.1
EGYPT	FI	PI	FC	FI	FC	NI	PI		AIXM: 5.1 3 and 7 by2018
IRAN, ISLAMIC REPUBLIC OF	NI	NI	NC	NI	NC	NI	NI		AIXM: NI Separate semi-automated NOTAM/SNOWTAM system is operative
IRAQ	NI	NI	NC	NI	NC	NI	NI		AIXM: NI
JORDAN	NI	NI	FC	NI	FC	NI	NI		AIXM: database through EAD
KUWAIT	NI	NI	FC	NI	PC	NI	NI		AIXM: NI (5.1 in progress)
LEBANON	NI	NI	NC	NI	NC	NI	NI		AIXM: 4.5
LIBYA	NI	NI	NC	NI	NC	NI	NI		AIXM: NI
OMAN	NI	NI	NC	NI	NC	NI	NI		AIXM: NI (5.1 in progress)
QATAR	NI	PI	FC	NI	FC	PI	NI	Q4/2017 – Data Integration (AIP, Terrain, Obstacle, Procedure Design and AMDB)	AIXM: 5.1
SAUDI ARABIA	FI	FI	NC	NI	PC	FI	FI	AIXM 5.1 & NOTAM: 2019	AIXM: 4.5
SUDAN	NI	NI	FC	NI	FC	PI	PI		AIXM: NI
SYRIAN ARAB REPUBLIC	NI	NI	NC	NI	NC	NI	NI	No Action Plan	AIXM: NI
UNITED ARAB EMIRATES	NI	FI	NC	NI	PC	NI	PI	AMDB: 2016-2021; PIB: AVBL at OMAA, OMDB, OMDW, OMFJ, other ADs 2020; Procedure Design 2020; ATS: ACC AVBL, ADs 2020 Digital NOTAM: 2016-2021	AIXM: 5.1
YEMEN	NI	NI	NC	NI	NC	NI	NI	No Action Plan	AIXM: NI

Table B0-DATM-3-2
Aeronautical Data Quality

EXPLANATION OF THE TABLE

Column:

- 1 Name of the State or territory.
- 2 Compliance with the requirement for implementation of QMS for Aeronautical Information Services including safety and security objectives, shown by:
FC – Fully compliant
NC – Not compliant
- 3 Compliance with the requirement for the establishment of formal arrangements with approved data originators concerning aeronautical data quality, shown by:
FC – Fully compliant
PC – Partially compliant
NC – Not compliant
- 4 Implementation of digital data exchange with originators, shown by:
FI – Implemented
PI – Partially Implemented
NI – Not implemented
Note 1 — Information providing detail of “PI” and “NI” should be given in the Remarks column (percentage of implementation).
- 5 Compliance with the requirement for metadata, shown by:
FC – Fully compliant
PC – Partially compliant
NC – Not compliant
- 6 Compliance with the requirements related to aeronautical data quality monitoring (accuracy, resolution, timeliness, completeness), shown by:
FC – Fully compliant
PC – Partially compliant
NC – Not compliant
- 7 Compliance with the requirements related to aeronautical data integrity monitoring, shown by:
FC – Fully compliant
PC – Partially compliant
NC – Not compliant
- 8 Compliance with the requirements related to the AIRAC adherence, shown by:
FC – Fully compliant
NC – Not compliant
- 9 Action Plan — short description of the State’s Action Plan with regard to aeronautical data quality requirements implementation, especially for items with a “PC”, “PI”, “NC” or “NI” status, including planned date(s) of full compliance, as appropriate.
- 10 Remarks — additional information, including detail of “PC”, “NC”, “PI” and “NI”, as appropriate.

TABLE B0-DATM-3-2
Aeronautical Data Quality

	QMS	Establishment of formal agreements	Digital data exchange with originators	Metadata	Data quality monitoring	Data integrity monitoring	AIRAC adherence	Action Plan	Remarks
State									
1	2	3	4	5	6	7	8	9	10
BAHARAIN	FC	PC	PI	FC	FC	FC	FC		
EGYPT	FC	PC	PI	FC	PC	PC	FC	3, 4, 6 and 7 by 2018	
IRAN, ISLAMIC REPUBLIC OF	FC	PC	NI	NC	FC	FC	FC		
IRAQ	NC	NC	NI	NC	NC	NC	FC		
JORDAN	FC	PC	NI	FC	FC	FC	FC		
KUWAIT	FC	PC	NI	NC	NC	NC	FC		
LEBANON	NC	PC	NI	PC	PC	PC	FC		
LIBYA	NC	NC	NI	NC	NC	NC	NC	No Action Plan	
OMAN	NC	NC	NI	NC	PC	PC	FC		
QATAR	FC	PC	PI	FC	PC	PC	FC		
SAUDI ARABIA	FC	FC	NI	FC	FC	FC	FC	4: 2019	
SUDAN	FC	FC	NI	NC	FC	FC	FC		
SYRIAN ARAB REPUBLIC	NC	NC	NI	NC	NC	NC	NC	No Action Plan	
UNITED ARAB EMIRATES	FC	PC	PI	FC	FC	FC	FC	4: implemented for some of internal stakeholders. Completion by 2020	
YEMEN	NC	NC	NI	PC	NC	NC	NC	No Action Plan	

Table B0-DATM-3-3

World Geodetic System-1984 (WGS-84)

EXPLANATION OF THE TABLE

Column:

- 1 Name of the State or territory for which implementation of WGS-84 is required.
- 2 Compliance with the requirements for implementation of WGS-84 for FIR and Enroute points, shown by:
 FC – Fully compliant
 PC – Partially compliant
 NC – Not compliant
- 3 Compliance with the requirements for implementation of WGS-84 for Terminal Areas (arrival, departure and instrument approach procedures), shown by:
 FC – Fully compliant
 PC – Partially compliant
 NC – Not compliant
- 4 Compliance with the requirements for implementation of WGS-84 for Aerodrome, shown by:
 FC – Fully compliant
 PC – Partially compliant
 NC – Not compliant
- 5 Compliance with the requirements for implementation of Geoid Undulation, shown by:
 FC – Fully compliant
 PC – Partially compliant
 NC – Not compliant
- 6 Action Plan — short description of the State's Action Plan with regard to WGS-84 implementation, especially for items with a "PC", "PI", "NC" or "NI" status, including planned date(s) of full compliance, as appropriate.
- 7 Remarks — additional information, including detail of "PC" and "NC", as appropriate.

TABLE B0-DATM-3-3
World Geodetic System-1984 (WGS-84)

State	FIR/ENR	Terminal	AD	GUND	Action Plan	Remarks
1	2	3	4	5	6	7
BAHARAIN	FC	FC	FC	FC		
EGYPT	FC	FC	FC	FC		
IRAN, ISLAMIC REPUBLIC OF	FC	FC	FC	FC		
IRAQ	FC	FC	FC	NC		
JORDAN	FC	FC	FC	FC		
KUWAIT	FC	FC	FC	FC		Last survey FEB 2015
LEBANON	FC	FC	FC	FC		
LIBYA	PC	PC	NC	NC	No Action Plan	
OMAN	FC	FC	FC	FC		
QATAR	FC	FC	FC	FC		Annual Validation/Survey
SAUDI ARABIA	FC	FC	FC	FC		
SUDAN	FC	FC	FC	FC		
SYRIAN ARAB REPUBLIC	FC	FC	FC	NC	No Action Plan	
UNITED ARAB EMIRATES	FC	FC	FC	FC		
YEMEN	FC	FC	FC	FC		

Table B0-DATM-3-4-1
Provision of Terrain and Obstacle data sets for Areas 1 and 4

EXPLANATION OF THE TABLE

Column

- | | |
|---|--|
| 1 | Name of the State or territory for which Terrain and Obstacle data sets for Areas 1 and 4 are required. |
| 2 | <p>Compliance with requirement for the provision of Terrain data sets for Area 1, shown by:</p> <p style="margin-left: 40px;">FC – Fully Compliant</p> <p style="margin-left: 40px;">PC – Partially Compliant</p> <p style="margin-left: 40px;">NC – Not Compliant</p> |
| 3 | <p>Compliance with requirement for the provision of Terrain data sets for Area 4, shown by:</p> <p style="margin-left: 40px;">FC – Fully Compliant</p> <p style="margin-left: 40px;">PC – Partially Compliant</p> <p style="margin-left: 40px;">NC – Not Compliant</p> <p style="margin-left: 40px;">N/A – Not Applicable</p> |
| 4 | <p>Compliance with requirement for the provision of Obstacle data sets for Area 1, shown by:</p> <p style="margin-left: 40px;">FC – Fully Compliant</p> <p style="margin-left: 40px;">PC – Partially Compliant</p> <p style="margin-left: 40px;">NC – Not Compliant</p> |
| 5 | <p>Compliance with requirement for the provision of Obstacle data sets for Area 4, shown by:</p> <p style="margin-left: 40px;">FC – Fully Compliant</p> <p style="margin-left: 40px;">PC – Partially Compliant</p> <p style="margin-left: 40px;">NC – Not Compliant</p> <p style="margin-left: 40px;">N/A – Not Applicable</p> |
| 6 | Action plan — short description of the State’s Action Plan with regard to compliance with the requirements for provision of Terrain and Obstacle data sets for Areas 1 and 4, especially for items with a “PC” or “NC” status, including planned date(s) of full compliance, as appropriate. |
| 7 | Remarks— additional information, including detail of “PC” and “NC”, as appropriate. |

TABLE B0-DATM-3-4-1**Provision of Terrain and Obstacle data sets for Areas 1 and 4**

State	Terrain data sets		Obstacle data sets		Action Plan	Remarks
	Area 1	Area 4	Area 1	Area 4		
1	2	3	4	5	6	7
BAHARAIN	FC	FC	FC	FC		
EGYPT	FC	FC	NC	NC	Completion of area 4: Dec. 2019	
IRAN, ISLAMIC REPUBLIC OF	FC	FC	FC	FC		
IRAQ	NC	NC	NC	NC		
JORDAN	PC	FC	PC	FC		
KUWAIT	FC	FC	FC	FC		
LEBANON	NC	N/A	NC	N/A	2 & 4: Q2-2019	
LIBYA	NC	N/A	NC	N/A		
OMAN	NC	N/A	NC	N/A		
QATAR	FC	FC	FC	FC		
SAUDI ARABIA	FC	FC	FC	FC		
SUDAN	NC	N/A	NC	N/A		
SYRIAN ARAB REPUBLIC	NC	N/A	NC	N/A	No Action Plan	
UNITED ARAB EMIRATES	PC	FC	PC	FC		
YEMEN	NC	N/A	NC	N/A	No Action Plan	

Table B0-DATM-3-4-2
Provision of Terrain and Obstacle data sets for Area 2

EXPLANATION OF THE TABLE

Column

- | | |
|---|--|
| 1 | Name of the State or territory for which Terrain and Obstacle data sets for Area 2 are required. |
| 2 | Compliance with requirement for the provision of Terrain data sets for Area 2a, shown by:
FC – Fully Compliant
PC – Partially Compliant
NC – Not Compliant |
| 3 | Compliance with requirement for the provision of Terrain data sets for Area 2b, shown by:
FI – Fully Implemented
PI – Partially Implemented
NI – Not implemented
N/A – Not Applicable |
| 4 | Compliance with requirement for the provision of Terrain data sets for Area 2c, shown by:
FI – Fully Implemented
PI – Partially Implemented
NI – Not Implemented
N/A – Not Applicable |
| 5 | Compliance with requirement for the provision of Terrain data sets for Area 2d, shown by:
FI – Fully Implemented
PI – Partially Implemented
NI – Not Implemented
N/A – Not Applicable |
| 6 | Compliance with requirement for the provision of Obstacle data sets for Area 2a, shown by:
FC – Fully Compliant
PC – Partially Compliant
NC – Not Compliant |
| 7 | Compliance with requirement for the provision of Obstacle data sets for Area 2b, shown by:
FI – Fully Implemented
PI – Partially Implemented
NI – Not implemented
N/A – Not Applicable |

- 8 Compliance with requirement for the provision of Obstacle data sets for Area 2c, shown by:
 - FI – Fully Implemented
 - PI – Partially Implemented
 - NI – Not Implemented
 - N/A – Not Applicable
- 9 Compliance with requirement for the provision of Obstacle data sets for Area 2d, shown by:
 - FI – Fully Implemented
 - PI – Partially Implemented
 - NI – Not Implemented
 - N/A – Not Applicable
- 10 Action plan — short description of the State’s Action Plan with regard to compliance with the requirements for provision of Terrain and Obstacle data sets for Area 2, especially for items with a “PC”, “PI”, “NC” or “NI” status.
- 11 Remarks— additional information, including detail of “PC”, “PI” and “NC”, “NI”, as appropriate.

TABLE B0-DATM-3-4-2

Provision of Terrain and Obstacle data sets for Area 2

State	Terrain data sets				Obstacle data sets				Action Plan	Remarks
	Area 2a	Area 2b	Area 2c	Area 2d	Area 2a	Area 2b	Area 2c	Area 2d		
1	2	3	4	5	6	7	8	9	10	11
BAHARAIN	NC	NI	NI	NI	FC	FI	FI	FI		
EGYPT	PC	PI	PI	PI	NC	NI	NI	NI	To be completed by 2020	
IRAN, ISLAMIC REPUBLIC OF	FC	FI	FI	FI	FC	FI	FI	FI		
IRAQ	NC	NI	NI	NI	NC	NI	NI	NI		
JORDAN	PC	PI	PI	NI	PC	PI	PI	NI		Area 2a, 2b and 2c implemented for OJAI RWY 26R/08L
KUWAIT	NC	NI	NI	NI	NC	NI	NI	NI		
LEBANON	NC	NI	NI	NI	NC	NI	NI	NI	To be completed by Q4-2019	
LIBYA	NC	NI	NI	NI	NC	NI	NI	NI	No Action Plan	
OMAN	NC	NI	NI	NI	NC	NI	NI	NI		
QATAR	FC	FI	FI	FI	FC	FI	FI	FI		
SAUDI ARABIA	NC	NI	NI	NI	NC	NI	NI	NI	To be completed by 2020	
SUDAN	NC	NI	NI	NI	NC	NI	NI	NI		
SYRIAN ARAB REPUBLIC	NC	NI	NI	NI	NC	NI	NI	NI	No Action Plan	
UNITED ARAB EMIRATES	NC	NI	NI	PI	FC	FI	FI	PI	To be completed by 2020	TOD Area 2 (all sub-areas) survey & data acquisition through international airport service providers
YEMEN	NC	NI	NI	NI	NC	NI	NI	NI	No Action Plan	

Table B0-DATM-3-4-3
Provision of Terrain and Obstacle data sets for Area 3 and Airport Mapping
Databases (AMDB)

EXPLANATION OF THE TABLE

Column

- | | |
|---|---|
| 1 | Name of the State or territory for which Terrain and Obstacle data sets for Area 3 and AMDB are required. |
| 2 | Compliance with requirement for the provision of Terrain data sets for Area 3, shown by:
FI – Fully Implemented
PI – Partially Implemented
NI – Not Implemented
N/A – Not Applicable |
| 3 | Compliance with requirement for the provision of Obstacle data sets for Area 3, shown by:
FI – Fully Implemented
PI – Partially Implemented
NI – Not Implemented
N/A – Not Applicable |
| 4 | Implementation of AMDB, shown by:
FI – Fully Implemented
PI – Partially Implemented
NI – Not Implemented
N/A – Not Applicable |
| 5 | Action plan — short description of the State’s Action Plan with regard to compliance with the requirements for provision of Terrain and Obstacle data sets for Area 3 and AMDB implementation, especially for items with a “PC”, “PI”, “NC” or “NI” status. |
| 6 | Remarks— additional information, including detail of “PI” and “NI”, as appropriate. |

TABLE B0-DATM-3-4-3**Provision of Terrain and Obstacle data sets for Area 3 and Airport Mapping Databases (AMDB)**

State	Terrain data sets (Area 3)	Obstacle data sets (Area 3)	AMDB	Action Plan	Remarks
1	2	3	4	5	6
BAHARAIN	NI	FI	NI	To be completed by 2021	
EGYPT	NI	NI	NI	To be completed by 2020	
IRAN, ISLAMIC REPUBLIC OF	FI	FI	NI	No Action Plan	
IRAQ	NI	NI	NI		
JORDAN	PI	PI	NI		Area 3 implemented for OJAI RWY 26R/08L
KUWAIT	FI	FI	NI		
LEBANON	NI	NI	NI		
LIBYA	NI	NI	NI	Area 3: Q4-2019 AMDB: no plan No Action Plan	
OMAN	NI	NI	NI		
QATAR	FI	PI	PI	Q4/2017 AMDB implementation	
SAUDI ARABIA	NI	NI	NI	No Action Plan	
SUDAN	NI	NI	NI		
SYRIAN ARAB REPUBLIC	NI	NI	NI	No Action Plan	
UNITED ARAB EMIRATES	FI	FI	NI	AMDB: completed by 2021	AMDB technical infrastructure (metadata, model) implemented in IAID, pending compatibility analysis AIXM 5.1 with revised AMDB model (RTCA DO-272D) when released.
YEMEN	NI	NI	NI	No Action Plan	

- END -