



*International Civil Aviation Organization*

**Fifth Meeting of MID Region AIM Database Task Force  
Fourth Meeting of MIDANPIRG AIM Sub-Group**

**MIDAD TF/5 and AIM SG/4  
(Cairo, Egypt, 13-15 February 2018)**

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**Agenda Item 3: MID Region AIM Database (MIDAD) Project**

MIDAD PROJECT

*(Presented by the Secretariat)*

<b>SUMMARY</b>
This paper presents the progress of MIDAD Project.  Action by the meeting is at paragraph 3.
<b>REFERENCES</b>
- MIDAD TF/4 Report - EAD-MIDAD Workshop SODs - DGCA-MID/4 Report



**1. INTRODUCTION**

1.1 The meeting may wish to recall that the MIDAD TF/4 meeting agreed that an EAD-MIDAD Workshop be conducted in EUROCONTROL Headquarters, Brussels, Belgium in order to discuss all the details related to the implementation of an EAD-based MIDAD project, and agree on a MIDAD implementation plan.

**2. DISCUSSION**

2.1 The EAD-MIDAD Workshop was hosted by EUROCONTROL in Brussels, Belgium from 5 to 6 October 2017. The Workshop was attended by twenty one (21) participants, from six (6) States (Egypt, Iran, Iraq, Lebanon, Saudi Arabia and UAE) and three (3) International Organizations (CANSO, EUROCONTROL and ICAO).

2.2 The EAD-MIDAD Workshop provided an opportunity to address all the questions/concerns related to MIDAD Project based on the inputs received mainly from Iraq, Saudi Arabia, UAE and the ICAO MID Office.

2.3 The Workshop was presented with an update on the MIDAD Project. The Workshop was also apprised of the EAD experience and the EUROCONTROL proposal for the implementation of MIDAD.

2.4 The Workshop discussed the proposal and agreed on the following way forward:

Implementation phases	Phase Description	Responsible
Phase A	Individual migration of MID States to EAD	MID States
Phase B	Set-up of MIDAD Manager	MIDAD States, ICAO MID, EUROCONTROL (as advisor)
Phase C	Implementation of MIDAD system and service	MID States

2.5 The Workshop agreed that Phase A would have the main following advantages:

- a) Cost effectiveness including shared investments and resources
- b) Data Quality and Integrity
- c) Training
- d) Compliance with ICAO requirements and the European regulatory framework, including for an expeditious transition from AIS to AIM
- e) Technical solutions including system upgrades
- f) Interoperability
- g) System and Service security
- h) Back-up and Contingency

2.6 The Workshop developed the following Draft Action Plans for Phase A and Phase B. It was agreed that a detailed action plan for the implementation of Phase B (Set-up of MIDAD Manager) should be developed by the MIDAD Task Force.

#### **PHASE A**

EAD – MIDAD Action No.	Responsible	Action Description	Due date
EAD-MIDAD/A-01	MIDAD States	Provide EUROCONTROL with En-route ATS services (En-route air navigation charges), preferably for the year 2015 (2016 or 2014 would also be accepted).	End of 2017
EAD-MIDAD/A-02	EUROCONTROL	Finalize individual offers to MIDAD States.	End of January 2018
EAD-MIDAD/A-03	EUROCONTROL	Inform EAD SSG that MIDAD Task Force Chairman may participate as an observer to the 27 <sup>th</sup> Meeting of the EAD Service Steering Group in May 2018.	21-22 November 2017
EAD-MIDAD/A-04	EUROCONTROL EAD Customer Manager	Participate to MIDAD meeting	Meeting of MIDAD TF/4: February 2018
EAD-MIDAD/A-05	EUROCONTROL	Evaluate from a legal perspective if a single Data Provider agreement can be made for a single entity regrouping several States.	February 2018
EAD-MIDAD/A-06	EUROCONTROL	Provide answers to all MIDAD questions provided so far. Include these Questions & Answers in a configured document to be shared between EUROCONTROL, ICAO and MID States.	End of January 2018
EAD-MIDAD/A-07	MIDAD TF	Develop a detailed way forward based upon the agreed steps forward (please refer to Agenda Item 4 above).	End of 2018
EAD-MIDAD/A-08	MIDAD/ EUROCONTROL	Plan second EAD – MIDAD workshop in +/- 1 year time – if possible back to back with AIM/SWIM Team meeting.	September 2018
EAD-MIDAD/A-09	EUROCONTROL	Enquire with CARC Jordan whether it would be possible to host a live EAD system/services demonstration for the benefit of MID States.	February 2018
EAD-MIDAD/A-10	EURCONTROL	Organize a live demonstration (half day) of the EAD system/services.	TBD

**PHASE B**

EAD – MIDAD Action No.	Responsible	Action Description	Due date
EAD-MIDAD/B-01	MID States	Decision to go ahead to Phase B	
EAD-MIDAD STEP B-02	DGCA-MID	Address the following: <ul style="list-style-type: none"> <li>• Set-up the MIDAD programme governance &amp; organizational structure</li> <li>• Create the MIDAD service provision governance</li> <li>• Develop a financing mechanism for the programme &amp; the resulting MIDAD service</li> <li>• Develop the legal framework for the service provision</li> <li>• Capture all customer requirements</li> <li>• Initial risk assessment and mitigations</li> </ul>	

2.7 The meeting may wish to recall that the DGCA-MID/4 meeting was provided with a progress report related to the MIDAD project and agreed on the way forward proposed by the EAD-MIDAD Workshop. The meeting agreed to the following Conclusion:

*DGCA-MID/4 CONCLUSION 4/4 – MID REGION AIM DATABASE (MIDAD)*

*That:*

- a) *States are encouraged to engage with EUROCONTROL to migrate to the European AIS Database (EAD);*
- b) *a detailed action plan for the implementation of Phase B: “Set-up of MIDAD Manager” be developed by the MIDAD Task Force; and*
- c) *a progress report be presented to the DGCA-MID/5 meeting.*

2.8 As a follow-up action to the DGCA-MID/4 Conclusion 4/4, the ICAO MID Office issued State Letter Ref.: AN 8/4.2.1-18/021 dated 21 January 2018, encouraging States to engage with EUROCONTROL to migrate to the European AIS Database (EAD); and provide their feedback related to State’s plan and progress of the MIDAD Project Phase A (Migration to EAD). Four (4) replies were received from States, as at **Appendix A**.

### **3. ACTION BY THE MEETING**

3.1 The meeting is invited to:

- a) encourage States to engage with EUROCONTROL to migrate to the European AIS Database (EAD) (DGCA-MID/4 Conclusion 4/4 item a);
- b) review and provide update on the States’ plan and progress for the MIDAD Project Phase A (Migration to EAD), at **Appendix A**; and
- c) agree on the way forward.

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**STATES' PLAN AND PROGRESS FOR THE MIDAD PROJECT PHASE A  
(MIGRATION TO EAD)**

States	1. Planning <i>[specify estimated date to start]</i>	2. In Progress					3. No intention to migrate now	Remarks
		<i>Provided AN Charges figures/Letter of Intent to EAD</i>	<i>Received estimation of service costs</i>	<i>EAD agreement signed</i>	<i>Migration Started</i>	<i>Migration Completed</i>		
<b>Bahrain</b>								
<b>Egypt</b>								
<b>Iran</b>								
<b>Iraq</b>								
<b>Jordan</b>		Yes	Yes	Yes	Yes	Yes	N/A	
<b>Kuwait</b>								
<b>Lebanon</b>		Yes (11 Oct 2017)	No	No	No	No	N/A	Letter of Intent provided to EAD, no response received yet
<b>Libya</b>								
<b>Oman</b>	X (date unknown)	No	No	No	No	No	N/A	AIP data is provided in PDF format, will be migrated to AIXM 5.1 very soon
<b>Qatar</b>	EAD Data Provider 2018	Yes	Yes	Yes	Partially	No	N/A	EAD Data User since 2015. Migration plan under review
<b>Saudi Arabia</b>								
<b>Sudan</b>								
<b>Syria</b>								
<b>UAE</b>	Planning Phase, Tentatively end of 2018							
<b>Yemen</b>								