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MID Region AIM Database (MIDAD)

Outcome of EAD-MIDAD Workshop

(EUROCONTROL, Brussels, Belgium, 5-6 October 2017)

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DGCA-MID/4 – PPT/8

(Muscat, Oman, 17-19 October 2017)





Background



- **DGCA-MID/1 meeting (Abu Dhabi, UAE, 22 - 24 March 2011):** Agreed that a Study be carried out in the MID Region pertaining to the establishment of a MID Region AIS Database (MIDAD).
- **MIDAD Initial Study**
- Surveys were successfully carried out in Bahrain, Egypt, Iran, Iraq, Jordan, Kuwait, Lebanon, Oman, Qatar, Saudi Arabia, Syria, UAE and Yemen.
- Based on the analysis of data of the Initial Study, MIDANPIRG/13 (AbuDhabi, UAE, 22 - 26 April 2012) agreed that the Study was considered completed and had achieved the expected goals and agreed to move ahead with the MIDAD Project.

- In MAY 2013;
- A Memorandum of Agreement (MOA) reflecting commitment to the MIDAD Project was signed:
- *Bahrain, Iran, Iraq, Jordan, Kuwait, Lebanon, Oman, Qatar, Saudi Arabia, Sudan, UAE and Yemen.*





- Development of the specifications of the MIDAD Detailed Study (completed in November 2014)
- Call for Tender for the MIDAD Detailed Study (Phase 2): 25 November 2014
- MAEP SC/2 meeting (Cairo, Egypt, 20- 22 October 2015): to explore an alternative efficient way for the MIDAD implementation.



- MAEP Board/2 meeting (Cairo, Egypt, 11 - 13 April 2016) received a proposal from EUROCONTROL with phased approach:
 - Migration of the MID States to EAD (European AIS Database).
 - Establishment of MIDAD System.
- MIDANPIRG/16 meeting (Kuwait, 13-16 February 2017) agreed that based on the EUROCONTROL proposal, the MIDAD TF should propose a new action plan for the implementation of the MIDAD project.



- MIDAD could be considered as one of the MIDIP candidate projects, subject to DGCA approval.
- Presentation from EUROCONTROL on the proposal.
- Cost-benefit analysis for each individual State would be provided based on States data related to the air navigation charges revenue (2016) and their GDP for the last 3 years
- EAD-MIDAD Workshop in EUROCONTROL HQ (Brussels, Belgium, 5-6 October 2017); to discuss all the details related to the implementation of an EAD-based MIDAD project, and agree on a MIDAD implementation plan (including the transition plan and the pre-requisites for step 2 and step 3).
- Questions/concerns related to MIDAD Project



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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



Phase A Action Plan (Individual migration to EAD)

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	Finalise 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 th 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	Organise a live demonstration (half day) of the EAD system/services.	TBD



- Cost effectiveness including shared investments and resources;
- Data Quality and Integrity;
- Training;
- Compliance with ICAO requirements, including for an expeditious transition from AIS to AIM;
- Technical solutions including system upgrades;
- Interoperability;
- System and Service security;
- Back-up and Contingency.



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

Phase C: To be developed



The meeting is invited to:

- a) encourage States to engage with EUROCONTROL to migrate to the European AIS Database (EAD); and*
- b) task MIDAD Task Force to develop a detailed action plan based on the agreed way forward.*



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