



*International Civil Aviation Organization*

**MIDANPIRG Meteorology Sub-Group  
Eighth Meeting (MET SG/8)**

*(Cairo, Egypt, 1-3 July 2019)*

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**Agenda Item 4.3: Review of Requirements for OPMET Data and Status of  
Implementation of a Regional OPMET Centre (ROC) Jeddah and  
back-up ROC Bahrain as well as IWXXM Implementation**

OPMET DATA EXCHANGE – STATUS ON IMPLEMENTATION OF ROC

*(Presented by the Secretariat)*

**SUMMARY**

This paper will provide a status on the implementation of Regional OPMET Centre (ROC) Jeddah and Back-up ROC Bahrain.

Action by the meeting is at paragraph 3.

**1. INTRODUCTION**

1.1 The meeting will recall MIDANPIRG/14 Conclusion 14/30 that called for Saudi Arabia in coordination with ICAO to establish a MID Regional OPMET Centre (ROC) by the first half of 2015 to improve the regional and inter-regional OPMET efficiency. In addition, Bahrain in coordination with ICAO would establish a back-up Regional OPMET Centre (ROC). The MID States were encouraged to continue cooperation in exchange of OPMET data in the MID Region.

1.2 Furthermore, the meeting will recall MIDANPIRG Conclusion 15/33, OPMET Exchange Scheme, that urged relevant States to update their OPMET exchange scheme in coordination with ROC Jeddah and back-up ROC Bahrain in order to complete MID ROC implementation by 30 September 2015 (State letter AN 10/11 – 15/206 dated 8 July 2015). This scheme evolved from two workshops held in the third and fourth quarters of 2014 (reference the MID Regional OPMET Centre Implementation Workshop held in Jeddah from 31 August 2014 to 1 September 2014 and the Inter-Regional OPMET Data Exchange Workshop held in Vienna from 23 to 24 October 2014).

**2. DISCUSSION**

2.1 ROC Jeddah provided a status on implementation regarding the OPMET exchange scheme necessary for States in supporting the MID Regional OPMET exchange hub as provided at **Appendix A**. As of April 2019, nine (9) States (Iraq, Lebanon, Libya, Jordan, Oman, Qatar, Saudi Arabia, Sudan and United Arab Emirates) have fully implemented the appropriate OPMET exchange scheme. Four (4) States (Bahrain, Egypt, Iran and Kuwait) have partially implemented this scheme, while two States (Syria and Yemen) have not started implementation in this regard.

2.2 The MIDANPIRG/17 RASG-MID/7 noted that the main implementation challenge was coordination needed in determining what OPMET data was needed from ROC Jeddah to meet the users' needs. This required knowledge of international flight destinations as well as alternate aerodromes along the routes for those operators' operations within their respective State. The ROCs needed this information in order to provide the States with relevant OPMET data from the MID Region and other Regions. Consequently, the MIDANPIRG/17 RASG-MID/7 reiterated that States, that have not yet done so, should complete the implementation of the OPMET exchange scheme that supports ROC Jeddah and back-up ROC Bahrain.

### **IWXXM Implementation**

2.3 The meeting may recall that basic ROC functions are a prerequisite for the implementation of ICAO Meteorological Information Exchange Model (IWXXM). MSG/6 agreed that the Main (Jeddah) and Backup (Bahrain) Regional OPMET Centres and the Main COM Centres in the MID Region be urged to join the MID IP Network Project (CRV) in order to enable the exchange of OPMET information in IWXXM format (MSG Conclusion 6/30 refers). ANSIG/3 also suggested that the ROCs could serve as translation centres (from Traditional Alphanumeric Code (TAC) to IWXXM) for States in the MID Region not in a position to provide the recommended OPMET data in IWXXM.

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

3.1 The meeting is invited to:

- a) note the contents in this paper;
- b) urge States, that have not yet done so, to implement the OPMET data exchange scheme in support to the implementation of ROC Jeddah and back-up ROC Bahrain;
- c) urge ROC Jeddah and back-up ROC Bahrain to join the CRV Project in order to enable the exchange of OPMET information in IWXXM format; and
- d) encourage ROC Jeddah and back-up ROC Bahrain to serve as IWXXM translation centres.

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**APPENDIX A**  
**MID ROC implementation plan**

Following is a list of tasks to be fulfilled to progress on the transition, last update April 2019

No.	Task	Responsible	Prerequisite	Start Date	Estim. Time	Finish at
1	Implement Collective Addresses	ROC Jeddah	-	24.10.2014	1week	01.01.2015
2	Transition Bahrain	ROC Jeddah	-	27.10.2014	1 month	Part1 finished 15.1.2015, Part2, Pending
3	Transition Process with Kuwait	ROC Jeddah	-	06.01.2014	(Good progress, expected finish time 1 <sup>st</sup> May 2019)	Part1, OK, 05/02/2015, Part2 Pending
4	Transition Process with Qatar	ROC Jeddah	-	06.01.2015	1month	Transition Part1 OK, 13/04/2015 Part2, OK, 20/04/2015
5	Transition Process with Oman	ROC Jeddah	-	06.01.2015	1 months	Part1, OK, 22/02/2015, Part2, OK, 01/05/2015
6	Transition Process with UAE	ROC Jeddah	-	06.01.2015	1 month	Part1, OK, 25.2.2015, Part2, OK, 15/05/2015
7	Send Saudi Arabian Compilations to BROCC Bahrain (OBZZMMID)	Meteorological Communications Centre (MCC) Jeddah	Task No. 1 has to be finished	02.11.2014	1 day	01/03/2015
8	Continue and Finish Transition Sudan	ROC Jeddah	-	01.09.2014	11 months	Part1 and Part2, OK,01/08/2015
9	Develop Backup Procedure	ROC Jeddah & BROCC Bahrain		23.10.2016	Expected finish date, Thursday 25 <sup>th</sup> July 2019	Final draft in process

No.	Task	Responsible	Prerequisite	Start Date	Estim. Time	Finish at
10	Develop Regional HB on OPMET Data Exchange	ROC Jeddah & BROC Bahrain		24.03.2015		In Process
11	Develop first ideas for Training for operators	ROC Vienna		27.10.2014	2 weeks	Done
12	Finalize Training for operators	ROC Jeddah & BROC Bahrain & ROC Vienna		10.11.2014	April 2016	Training Done, 16-27 October 2016, through ROC Vienna
13	Route GULF reports to ROC Jeddah	ROC Jeddah		27.10.2014	1 month	01/02/2015
14	Transition Process for Iran	ROC Jeddah		16.02.2015	2 months	Part1,OK, 25/11/2015 Part2, pending
15	Transition Process for Jordan	ROC Jeddah				Jordan, transition part1 OK, 19/04/2015, transition Part2 OK, 20/05/2015
16	Transition Process for Egypt	ROC Jeddah				Egypt, transition part1 OK, 17/05/2015, transition part2 Pending
17	Transition Process Iraq	ROC Jeddah		16.04.2015	2 months	Iraq, transition part1 OK (last update 28/8/2015), transition Part2 OK 2/10/2016

No.	Task	Responsible	Prerequisite	Start Date	Estim. Time	Finish at
18	Transition Process Syria	ROC Jeddah				Syria (no contact information yet)
19	Transition Process Lebanon	ROC Jeddah				Transition part1&2 ,OK, 13/12/2015
20	Transition Process Libya	ROC Jeddah				Transition part1 OK, 25/03/2015, Transition part2 OK, 17/05/2015
21	Transition Process Yemen	ROC Jeddah				No contact

**Comments:**

- 1- **Finish column in this attachment is filled based on what filled by states in the transition form, however, we noticed some discrepancies between some Mid- States transition forms and routing table provided by ROC Vienna.**
- 2- **Some Mid-States still received OPMET data from outside ROC Jeddah, however, ROC Jeddah still working hard to contact OPMET data source to stop sending data to Mid-state directly with coordination with Mid-state.**

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