



International Civil Aviation Organization

**MIDANPIRG Meteorology Sub-Group
Seventh Meeting (MET SG/7)**

(Cairo, Egypt, 14-16 November 2017)

**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 At the MIDANPIRG/16 Meeting, 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 February 2017, 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. The MIDANPIRG/16 noted that Kuwait would provide ROC Jeddah a list of OPMET data needed to meet their users' needs which would increase the number of States

from 9 to 10 in implementing the required OPMET exchange scheme in support to the implementation of ROC Jeddah and back-up ROC Bahrain.

2.2 The MIDANPIRG/16 noted that the main implementation challenge was the difficulty in determining what OPMET data was needed to meet operators' needs, which required human resources and coordination.

2.3 Progress related to back-up ROC Bahrain is provided at **Appendix B**, which shows routing tables for Lebanon, Jordan, Kuwait, Oman, Qatar and United Arab Emirates were completed. In addition, OPMET data is routed from Bahrain to Vienna for Iran, Kuwait, Lebanon, Oman, Qatar, Saudi Arabia and Yemen.

2.4 The MID MET SG/7 Meeting will be updated on the progress of ROC Jeddah and back-up ROC Bahrain implementation based on results of the ROC/IWXXM Implementation Workshop (12-13 November 2017, Cairo, Egypt).

3. ACTION BY THE MEETING

3.1 The meeting is invited to:

- a) note the contents in this paper;
- b) note the progress of implementation of ROC Jeddah and back-up ROC Bahrain; and
- c) provide an implementation plan, for those relevant States that have not implemented the appropriate OPMET exchange scheme.

APPENDIX A MID ROC implementation plan

Following is a list of tasks to be fulfilled to progress on the transition, last update Feb-2017

No.	Task	Responsible	Prerequisite	Start Date	Estim. Time (According to plan)	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	1 month	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 (inform MID-BMG)		23.10.2014	4 months	Draft procedure has been discussed during ROC Jeddah Training (October 16-

						27, 2016) and to be agreed with B-ROC Bahrain
10	Develop Regional HB on OPMET Data Exchange	ROC Jeddah & BROOC Bahrain (inform MID-BMG)		24.03.2015	2 months	started (October 30, 2016) see note 3 below
11	Develop first ideas for Training for operators	ROC Vienna		27.10.2014	2 weeks	Submitted to PME
12	Finalize Training for operators	ROC Jeddah & BROOC Bahrain & ROC Vienna		10.11.2014	April 2016	Training done (October 16-27, 2016)
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				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
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 Reply

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.

**** METRS sent to Jeddah as ROBEX through GTS, TAF sent through AFTN.**

APPENDIX B
Bahrain MID BROC implementation

Following is a list of tasks of the Routing table and OPMET Routing to LOZZ ID, had been implemented;
last update Jan-13-2016

No.	Task	Responsible	Prerequisite	Start Date	Estim. Time	Finish at
1	Routing Table OJAM	Bahrain		15.11.2015	2Day	16.11.2015
2	Routing Table OLBA	Bahrain		25.11.2015	2Day	26.11.2015
3	Routing Table OKBK	Bahrain		27.11.2015	2Day	27.11.2015
4	Routing Table OTBD	Bahrain		01.12.2015	2Day	02.12.2015
5	Routing Table OOMS	Bahrain		06.12.2015	2Day	07.12.2015
6	Routing Table UAE	Bahrain		16.12.2015	2Day	16.12.2015
7	OPMET of OEJD Routed to LOZZMMID	Bahrain		02.11.2014	1 day	01/03/2015
8	OPMET of OIII Routed to LOZZMMID	Bahrain		02.11.2014	1 day	01/03/2015
9	OPMET of OIZZ Routed to LOZZMMID	Bahrain		11.01.2016	1Day	11.01.2016
10	OPMET of OKBK Routed to LOZZMMID	Bahrain		11.01.2016	1Day	11.01.2016
11	OPMET of OLBA Routed to LOZZMMID	Bahrain		11.01.2016	1Day	11.01.2016
12	OPMET of OOMS Routed	Bahrain		11.01.2016	1Day	11.01.2016

	to LOZZMMID					
13	OPMET of OYSN Routed to LOZZMMID	Bahrain		11.01.2016	1Day	11.01.2016
14	OPMET of OTBD Routed to LOZZMMID	Bahrain		11.01.2016	1Day	11.01.2016

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