



International Civil Aviation Organization

**MIDANPIRG Meteorology Sub-Group
Fifth Meeting (MET SG/5)**

(Jeddah, Saudi Arabia, 2-4 September 2014)

Agenda Item 4.3: Review of Requirements for OPMET Data and Status of OPMET Data Exchange as well as the establishment of a Regional OPMET Centre

OPMET DATA EXCHANGE – IMPLEMENTATION OF ROC

(Presented by the Secretariat)

SUMMARY

This paper will provide the outcomes of the ICAO Regional OPMET Centre (ROC) Workshop as well as review and update, if necessary, the Terms of Reference of the Bulletin Management Group.

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). Lastly, the MID States were encouraged to continue cooperation in exchange of OPMET data in the MID Region.

2. DISCUSSION

2.1 The meeting will recall the ICAO Regional OPMET Centre (ROC) Workshop is scheduled from 31 August 2014 to 1 September 2014 in Jeddah that will address: reasons to establish a ROC; functions of a ROC; hardware, software and communication requirements; lessons learned from other ROCs; backup plans; and the development of an implementation plan such that it included ROC actions and associated timelines and State actions and associated timelines.

2.2 The outcomes of the ICAO ROC Workshop will be provided in **Appendix A** to this working paper on the first day of the MET SG/5 meeting.

2.3 In the context of these outcomes, the meeting is invited to review and comment on the Terms of Reference of the Bulletin Management Group (BMG) of the MET Sub-group to the MIDANPIRG in **Appendix B** to this working paper, and if updates required, formulate a draft Decision.

3. ACTION BY THE MEETING

3.1 The meeting is invited to:

- a) note the contents in this paper;
- b) note the outcomes of the ICAO ROC Workshop when it becomes available;
and
- c) review and propose updates, if necessary, to the ToRs of the BMG.

APPENDIX B

Terms of Reference of the MID OPMET Bulletin Management Group (OPMET BMG)

1. Terms of Reference

- a. Review the OPMET exchange schemes to the MID Region and develop proposals for their optimization taking into account the current trends in the global OPMET exchange;
- b. Develop monitoring and management procedures related to the ROBEX exchange and other exchanges of OPMET information;
- c. Keep up-to-date the regional guidance material related to OPMET exchange;
- d. Develop capabilities to support the ICAO Meteorological Exchange Model (IWXXM);
- e. Develop key performance indicators for OPMET and keep under review;
- f. Liaise with similar groups in the adjacent ICAO Regions in order to ensure harmonized and seamless OPMET exchange; and
- g. The group will report to the MET Sub-Group of MIDANPIRG.

2. Work Programme

The work to be addressed by the MID OPMET BMG includes:

- a. Examine the existing requirements and any new requirements for the OPMET exchange in MID region and to assess the feasibility of satisfying these requirements, taking into account the availability of the data;
- b. Review the ROBEX scheme and other OPMET exchange schemes and prepare proposal for updating and optimizing of the schemes;
- c. Review and update the procedures for interregional exchange and for transmission of the regional OPMET data to SADIS;
- d. Review and amend the regional guidance materials on the OPMET exchange and include procedures for the exchange of all required OPMET message types: SA, SP, FC, FT WS, WC, WV, FK, FV, UA;
- e. Develop procedures for monitoring and management of the OPMET information, based on similar procedures used in the EUR and APAC Regions; and
- f. Support MARIE-PT or any subsequent governance group appointed by ICAO in Regional implementation of IWXXM within MID. The initial implementation emphasis will be placed on States hosting ROCs/RODBs. Progress report to be provided to MID MET SG;

- g. Use results from monitoring to measure OPMET (METAR and TAF) availability in MID Region against the required data listed in FASID Table MET 1A to support key performance index for OPMET component of BO-MET of the new implementation methodology called Aviation System Block Upgrade (ASBU) and keep under review; and
- h. Provide regular progress reports to MET SG meetings.

3. Composition

- a. The OPMET/BMG is composed of Bahrain, Egypt, Iran, Kuwait (co-rapporteur), Libya, Oman, Qatar, Saudi Arabia (co-rapporteur) and United Arab Emirates; and
- b. Experts from the EUR BMG, the VAAC Toulouse, APAC OPMET/M Task force and IATA are invited to participate in the work of the MID OPMET BMG.

4. Working Arrangements

It is expected that most of the work of the group will be conducted via correspondence by fax, e-mail or telephone. The group should establish a network of OPMET focal points at all MID COM/MET Centres dealing with OPMET data. When necessary, the Rapporteur, in coordination with the Regional Office, Cairo, will call teleconferences or meetings to discuss important issues.

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