



*International Civil Aviation Organization*

**MIDANPIRG Meteorology Sub-Group  
Fourth Meeting (MET SG/4)**

*(Cairo, Egypt, 25 – 27 June 2013)*

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**Agenda Item 2: Follow-up on MIDANPIRG Conclusions and Decisions Relevant to the MET Field**

STATUS OF MIDANPIRG Conclusions and Decisions Relevant to the MET Field

*(Presented by the Secretariat)*

**SUMMARY**

This paper provides a status of MIDANPIRG Conclusions and Decisions relevant to the MET field.

**1. INTRODUCTION**

1.1 The meeting will recall MIDANPIRG/13 (22-26 April 2012, Abu Dhabi, UAE) that adopted 6 Conclusions and 0 Decisions related to the MET field. A status of these conclusions and those from previous years that are ongoing are provided in **Appendix A** to this working paper.

**2. DISCUSSION**

2.1 Four of the six Conclusions related to the MET field adopted by MIDANPIRG/13 have been completed. One on-going Conclusion involved developing a recommendation of States capable of establishing MID Regional OPMET Centres (ROC) for inter-regional exchange of OPMET data. Three States replied to a survey based on requirements sent via State letter (SL/AN 10/11 – 12/205 dated 3 July 2012). The meeting may review the surveys provided by three States and develop a recommendation of which two States should establish ROCs in the MID Region. The discussions should include the capability or future capability of exchanging OPMET data (particularly METAR/SPECI, TAF and SIGMET) digitally (e.g. XML/GML) and converting digital OPMET data to alphanumeric form. The summary of survey results is provided in working paper five. The recommendation provided by the MID MET SG/4 would be reviewed by MIDANPIRG/14 (15-19 December 2013, Jeddah).

2.2 The other on-going Conclusion related to MIDANPIRG/13 is related to OPMET data errors and deficiencies. The results of monitoring OPMET data from the MID Region by ROC Vienna will assist in identifying persistent deficiencies in OPMET data, which would be presented to the MIDANPIRG/14. In particular, any OPMET deficiencies listed by the latest monitoring by ROC Vienna would be compared to Appendix 4.6A-C of the MIDANPIRG/13 report. If the same OPMET deficiency is in both documents, they will be considered as persistent deficiencies.

2.3 Another on-going Conclusion from MIDANPIRG/12 involves developing a volcanic ash contingency plan for the MID Region. The Air Traffic Management (ATM) Volcanic Ash Contingency Plan (VACP) template developed by the International Volcanic Ash Task Force (IVATF) was made available in August 2012 for regions to consider. This topic will be addressed in a separate working paper.

**3. ACTION BY THE MEETING**

3.1 The meeting is invited to:

- a) note the contents in this paper; and
- b) provide updates, where appropriate, to the on-going Conclusions.

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**APPENDIX A**

**FOLLOW-UP ACTION PLAN ON MIDANPIRG/12 AND MIDANPIRG/13 CONCLUSIONS AND DECISIONS**

CONCLUSIONS AND DECISIONS	FOLLOW-UP	TO BE INITIATED BY	DELIVERABLE	TARGET DATE	REMARKS
<p><b>CONC. 12/64: TRAINING FOR THE NEW WAFS FORECASTS</b></p> <p>That, in order to facilitate the implementation of the new WAFS forecasts by the WAFS users in the MID States, WAFC Provider States in coordination with the World Meteorological Organization (WMO) be invited to organize in 2011 or 2012 a training seminar for the MID Region on the use of the new gridded WAFS forecasts for convective clouds, icing and turbulence</p>	<p>Implement the Conclusion</p>	<p>WAFC Provider States WMO</p>	<p>Training Seminar</p>	<p>2012</p> <p>Change to</p> <p>“to be available by April 2013”</p>	<p><b>Ongoing</b></p> <p>(IOM Ref: AN 10/3 – 10/421 to WAFSOPSG Secretariat dated 14 Dec 2010)</p> <p>WAFSOPSG/7 Conclusion 7/13 – WAFC Provider States proceed with the development of computer-based (including voice over) initial training material for WAFS gridded global forecasts for CB clouds, icing and turbulence and, in coordination with Secretary, make it available on the WAFSOPSG website by April 2013 in order to support implementation under Amendment 76 to Annex 3.</p>

CONCLUSIONS AND DECISIONS	FOLLOW-UP	TO BE INITIATED BY	DELIVERABLE	TARGET DATE	REMARKS
					Sent for comments to WAFSOPSG members – due 26 April 2013
<p><b>DEC.12/72: VOLCANIC ASH CONTINGENCY PLAN FOR THE MID REGION</b></p> <p>That, the ATM/SAR/AIS Sub-Group and MET Sub-Group be invited to develop a draft Volcanic Ash Contingency Plan for the MID Region for consideration at MIDANPIRG/13.</p>	Implement the Decision	ICAO MID	Draft Volcanic Ash contingency plan	May 2011	<p><b>Ongoing</b></p> <p>ATM VACP from IVATF available since Aug 2012 for consideration by MET SG/4 (and ATM SG as well as MIDANPIRG/14)</p>
<p><b>CONC 12/73: REVIEW OF PART VI (MET) OF THE MID AIR NAVIGATION PLAN VOLUME II (FASID)</b></p> <p>That, in time for MET Sub-Group 3, the ICAO MID Regional Office, in coordination with the MID OPMET Bulletin Management Group (BMG), is invited to review and propose amendments, as necessary, to FASID Tables MET 2A, 2C, 4A and 4B related to OPMET exchange.</p>	Implement the Conclusion	ICAO BMG	FASID Amendment	May 2011	<p><b>COMPLETE</b></p> <p>SL Ref.: AN10/5A-12/130 dated 15 May 2012 (amendment approved)</p>
<p><b>CONC.12/75: ELIMINATION OF AIR NAVIGATION DEFICIENCIES IN THE MID REGION</b></p> <p>That, MID States be urged to:</p> <p>a) review their respective lists of identified deficiencies, define their root causes and forward an action plan for rectification of outstanding deficiencies to the ICAO MID Regional Office prior to 31 March 2011;</p>	Implement the Conclusion	ICAO States	State Letter Feedback from States	January 2011	<p><b>COMPLETE</b></p> <p>SL Ref.: AN2/2 – 11/123 dated 25 May 2011</p>

CONCLUSIONS AND DECISIONS	FOLLOW-UP	TO BE INITIATED BY	DELIVERABLE	TARGET DATE	REMARKS
<p>b) use the online facility offered by the ICAO MID Air Navigation Deficiency Database (MANDD) for submitting online requests for addition, update, and elimination of air navigation deficiencies;</p> <p>c) accord high priority to eliminate all air navigation deficiencies with emphasis on those with priority “U”; in particular by allocating the necessary budget to ensure that their Civil Aviation Authorities have and retain a sufficient number of qualified technical personnel, who are provided with appropriate initial, on-the-job and recurrent training; and</p> <p>d) seek support from regional and international organizations (i.e. ACAC, GCC, etc.) for the elimination of identified air navigation deficiencies.</p>					Reference para 4.6.17 of MIDANPIRG/13
<p><b>CONC. 13/52: SIGMET TEST PARTICIPATION</b></p> <p>That, States’ MID SIGMET Test focal points be invited to participate in the bi-annual SIGMET tests conducted by the EUR Region and report any deficiencies at each MET SG meeting</p>	Implement the Conclusion	ICAO	State Letter	31 Aug 2012	<p><b>COMPLETE</b></p> <p>SL AN10/12 – 12/257 Dated 29 August 2012</p>
<p><b>CONC. 13/53: UPDATE TO THE MID REGIONAL SIGMET GUIDE</b></p> <p>That, States with meteorological watch office responsibilities, and that have not yet done so, be invited to provide by 1 July 2012, the World Meteorological Organization Abbreviated Header Lines used for the issuance of SIGMET for flight information regions (FIRs) under their area of responsibility for inclusion in the MID Regional SIGMET Guide</p>	Implement the Conclusion	ICAO States	State Letter Necessary information	15 Jun 2012 1 Jul 2012	<p><b>COMPLETE</b></p> <p>SL AN10/12 – 12/170 Dated 13 June 2012</p>

CONCLUSIONS AND DECISIONS	FOLLOW-UP	TO BE INITIATED BY	DELIVERABLE	TARGET DATE	REMARKS
<p><b>CONC. 13/54: DEVELOP RECOMMENDATION OF MID REGIONAL OPMET CENTRES FOR INTER-REGIONAL EXCHANGE OF OPMET DATA</b></p> <p>That,</p> <p>a) The MID Bulletin Management Group;</p> <p>i. Determine requirements associated with the establishment of Regional OPMET Centres (ROC) in the MID Region; and</p> <p>ii. Carry out a survey based on requirements developed in (i) to determine States' capabilities for establishing ROC(s), and</p> <p>b) Concerned States be invited to complete the survey by 31 August 2012 in order for the MID BMG to report back to MET SG/4 with a recommendation of potential regional designation of ROC(s) for further consideration by MIDANPIRG/14;</p>	<p>Implement the Conclusion</p>	<p>ICAO States</p>	<p>State Letter Completed survey</p>	<p>15 Jun 2012 31 Aug 2012</p>	<p><b>Ongoing</b></p> <p>SL AN 10/11 – 12/205 Dated 3 July 2012</p> <p>Received replies from Iran, Saudi Arabia, and United Arab Emirates</p> <p>To be reviewed at MID BMG/3 and MID MET SG/4 for consideration by MIDANPIRG/14</p>
<p><b>CONC. 13/55: OPMET DATA ERRORS AND DEFICIENCIES</b></p> <p>That,</p> <p>a) States be informed of:</p> <p>i) incorrect addressing to Regional OPMET Centre (ROC) Vienna as provided at <b>Appendix 4.6A</b> to the Report on Agenda Item 4.6;</p> <p>ii) multiple bulletins received at ROC Vienna as provided at <b>Appendix 4.6B</b> to the Report on Agenda Item 4.6 and assure only one bulletin is sent to ROC Vienna;</p> <p>iii) non-receipt of OPMET (SA, FC, FT) requests during monitoring as provided at <b>Appendix 4.6C</b> to the Report on Agenda Item 4.6; and</p>	<p>Implement the Conclusion</p>	<p>ICAO</p>	<p>State Letter</p>	<p>31 Aug 2012</p>	<p><b>COMPLETE</b></p> <p>SL AN 10/11 – 10/183 Dated 18 June 2012</p> <p>New list to be provided by ROC Vienna to BMG/3</p> <p>OPMET missing from AOP aerodromes will be considered as deficiencies</p>

CONCLUSIONS AND DECISIONS	FOLLOW-UP	TO BE INITIATED BY	DELIVERABLE	TARGET DATE	REMARKS
b) States non-compliant with TAF requirements be included in ICAO MID deficiency list.					
<b>CONC. 13/56: TIMELINESS OF OPMET DATA</b> That, States be notified of procedures related to METAR and TAF compilation and dissemination times as per Appendix 4.6D to the Report on Agenda Item 4.6.	Implement the Conclusion	ICAO	State Letter	31 Aug 2012	<b>COMPLETE</b> SL AN 10/11 – 12/182 Dated 18 June 2012
<b>CONC. 13/57: REVISED TOR OF THE MET SG</b> That, the Terms of Reference (ToR) of the Meteorology Sub-Group be updated as at Appendix 4.6E to the Report on Agenda Item 4.6	Implement the Conclusion	MIDANPIRG	Updated TOR and Procedural Handbook	April 2012	<b>COMPLETE</b>