



**MEETING OF THE METEOROLOGY PANEL (METP)  
WORKING GROUP MOG (WAFS)**

**SEVENTH MEETING**

**Offenbach, Germany, 11 to 13 April 2018**

**Provisional Agenda**

(Presented by the Rapporteur)

1. Opening of the Meeting
2. Introduction
  - 2.1. Adoption of the Agenda
  - 2.2. Working Arrangements
3. Matters relating to WAFS (11 to 13 April)
  - 3.1. Status of outstanding WG-MOG (WAFS) Actions  
See Appendix A
  - 3.2. Other operational matters
    - 3.2.1. Issues arising from METP/2 meeting
    - 3.2.2. Interaction with other METP groups
    - 3.2.3. Review of MOG Terms of Reference in relation to WAFS
  - 3.3. Work required in support of WAFS Developments
    - 3.3.1. Matters relating to gridded WAFS products
    - 3.3.2. Matters relating to Significant Weather provision
    - 3.3.3. Matters relating to Delivery mechanism of WAFS
  - 3.4. Review of Job Cards related to WAFS
  - 3.5. Science capabilities
    - 3.5.1. Modelling developments and new capabilities.

4. SIGMET related documentation
5. Timetable and future meetings of WG-MOG (WAFS)
6. AoB relating to WG-MOG (WAFS)
7. Meeting Close

**Appendix A**

**WAFS Actions and Decisions from WG-MOG/4**

Item	Status
<p><b>Action 4/1: WAFCs to prepare a paper on how backup arrangements may change in the SWIM environment for the next meeting.</b></p>	<p>To be presented at MOG/7</p>
<p><b>Action 4/2: Proposed revision of paragraph 1.2.1 and 1.3.1.1. of Appendix 2 of ICAO Annex 3 – <i>Meteorological Service for International Air Navigation</i> in relation to availability of WAFS Forecasts</b>                      That the WAFC providers be invited to submit a Working Paper to the Meteorology Panel proposing;</p> <ul style="list-style-type: none"> <li>a) Revision to paragraph 1.2.1 of Appendix 2 of ICAO Annex 3 in relation to the availability of WAFS Upper Air grid point forecasts as proposed in Appendix B of the MOG 4 (WAFS) report.</li> <li>b) Revision to paragraph 1.3.1.1. of Appendix 2 of ICAO Annex 3 in relation to the availability of WAFS SIGWX forecasts as proposed in Appendix B of the MOG 4 (WAFS) report.</li> </ul>	<p>Proposal to be presented at MOG/7 and then to METP/3</p>
<p><b>Action 4/3: WAFC Washington to give an update upon further investigation on BUFR availability statistics at next MOG.</b></p>	<p>To be presented at MOG/7</p>
<p><b>Action 4/4: WAFCs to include ROC curves for previous years in the management report.</b></p>	<p>Ongoing, to be included in next WAFC Management Report.</p>
<p><b>Action 4/5: WAFCs be invited to further develop the proposal for automated generation of Significant Weather Forecasts and be invited to provide an update at the next meeting of WG-MOG</b></p> <ul style="list-style-type: none"> <li>a) A prototype demonstrating the capability of automated digital SIGWX forecasts.</li> <li>b) An implementation plan for the provision of an operational automated digital SIGWX forecast system.</li> <li>c) In co-ordination with WMO, initiate consideration of the inclusion of WAFC SIGWX objects into the IWXXM schema.</li> <li>d) Draft a proposed amendment to ICAO Annex 3 to include all relevant changes to the SIGWX Forecasts for potential inclusion in Amendment 79 (November 2020) for consideration at METP/3.</li> </ul>	<p>To be presented at MOG/7</p>
<p><b>Action 4/6: Invite MOG/6 attendees to present on High Altitude Ice Crystals Nowcasts next year.</b></p>	<p>Presentation at MOG/7 to be provided by Dr Piers Buchanan of the Met Office. Other presentations on this topic welcome.</p>

<p><b>ACTION 4/7: WAFCs prepare a paper outlining the discussions held at MOG/4 on the Medium Term Strategy detailing changes to WAFS grid resolution, hazard grids, and grid dissemination. Prepare draft amendment to Annex 3 for consideration by METP/3.</b></p>	To be presented at MOG/7
<p><b>Action 4/8: Review of the Eddy Dissipation Rate (EDR) Values in Annex 3.</b> An ad hoc group will be set up to review the EDR values in Annex 3, and produce a paper that can be presented to METP/3. Additionally, consider how this matter can be brought to the attention of Flight Ops Panel</p>	Ongoing, To be presented at MOG/7
<p><b>Action 4/9: Maintain and update the Regional SIGMET Guide Template in preparation for Amendment 78 to ICAO Annex 3.</b> That an ad hoc group be formed to maintain and update the Regional SIGMET Guide Template in preparation for Amendment 78 to ICAO Annex 3</p>	To be presented at MOG/7
<p><b>Action 4/10: Investigate SIGMET matters identified by the METP/2. That an ad hoc group [SADIS Manager, Hans-Rudi, Kristin, Mario, Stéphanie, Greg, Gaborekwe] be formed to</b></p> <ul style="list-style-type: none"> <li>a) investigate the matters identified by the METP at its second meeting</li> <li>b) propose appropriate updates to Amendment 79 to ICAO Annex 3 and the Regional SIGMET Guide Template for consideration at METP/3.</li> </ul>	To be presented at MOG/7