



International Civil Aviation Organization

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

(Cairo, Egypt, 25 – 27 June 2013)

Agenda Item 3: Review of Recent and Forthcoming Global Developments

OUTCOMES FROM THE METEOROLOGICAL WARNINGS STUDY GROUP

(Presented by the Secretariat)

SUMMARY

Outcomes from the fourth meeting of the Meteorological Warnings Study Group (METWSG/4, 15 to 18 May 2012, Montréal) produced actions agreed that may be of interest to the Region and provided in brief in this paper.

1. INTRODUCTION

1.1 The fourth meeting of the Meteorological Warnings Study Group (METWSG/4, 15 to 18 May 2012, Montréal) produced actions agreed that may be of interest to the Region and provided in brief in this paper. The summary of discussions, which contains more detailed information, is provided at the following link: <http://www.icao.int/safety/meteorology/METWSG/Lists/Meetings/AllItems.aspx>.

2. DISCUSSION

2.1 One action established an ad-hoc group to:

- a) Develop a concept of operations for a global or multi-regional advisory system and criteria for the selection of regional advisory centres by the respective planning and implementation regional group (PIRG)s;
- b) Develop a revised format for the advisory information;
- c) Develop an amendment proposal to Annex 3 to introduce an advisory system based on the concept of operations, in coordination with the Secretary; and
- d) Develop a proposal for further study into a phenomenon-based notification system rather than a FIR-based system for hazardous meteorological conditions.

This would be considered at the proposed MET Divisional Meeting in July 2014 (Action agreed 4/1 refers).

2.2 Also related to SIGMET, the METWSG/4 meeting agreed that the Secretary develop an amendment proposal to Annex 3 relating to the uncertainties in the provision of meteorological information to be placed in Chapter 2 in place of Annex 3, 4.1.9 and 6.1.1 for consideration by the group at the METWSG/5 meeting (Action agreed 4/2 refers). In addition, an ad-hoc group was established to:

- a) Develop generic guidance on the issuance of SIGMET for each ICAO Region to consider for use in their respective SIGMET guides to remove inconsistencies;
- b) Investigate the possibility of splitting Annex 3, Table A6-1 into its component parts relating to SIGMET, AIRMET and special air reports; and
- c) Provide a report for consideration by the group by 15 March 2013 (Action agreed 4/3 refers).

Other issues related to SIGMET being examined include user classification on the need for each of the SIGMET issuance categories for thunderstorms, use of multi-segment lines and areas between two lines in the horizontal extent of phenomena in SIGMET.

2.3 The METWSG is also examining the introduction of a reporting category (moderate to severe) for air reports on turbulence and icing, a proposal to modify Annex 3 requirements such that aerodrome warnings for Tsunami would not be required where national public safety plans include the aerodrome, and emphasizing the regional implementation of air reports with the correct use of WMO headers.

2.4 Outcomes from the fifth meeting of the METWSG (METWSG/5, 20 to 21 June 2013, Montréal) are expected to produce actions agreed. If the report is available at the time of the meeting, the meeting may note the executive summary that would be posted at <http://www.icao.int/safety/meteorology/METWSG/Lists/Meetings/AllItems.aspx>.

3. ACTION BY THE MEETING

3.1 The meeting is invited to note the contents of this paper.