



International Civil Aviation Organization

**FOURTEENTH MEETING OF THE
COMMUNICATIONS/NAVIGATION/SURVEILLANCE
AND METEOROLOGY SUB-GROUP OF APANPIRG
(CNS/MET SG/14)**



Jakarta, Indonesia, 19 – 22 July 2010

Agenda Item 9: Regional Implementation of International Airways Volcano Watch (IAVW)

MET TASK FORCES

(Presented by Australia)

SUMMARY

The CNS/MET Sub-group to APANPIRG has four meteorology-related Task Forces. It is proposed that the VA/TC Implementation Task Force be re-defined to include all meteorological advisories and warnings.

This paper relates to:

Strategic Objectives:

A: Safety – Enhance global civil aviation safety

D: Efficiency – Enhance the efficiency of aviation operations

Global Plan Initiatives:

GPI-18 Aeronautical Information

GPI-19 Meteorological systems

1. Introduction

1.1 The ICAO Meteorological Warnings Study Group (METWSG) identified that there continued to be long-standing problems relating to the SIGMET service. These included a) issuance, b) dissemination and c) formatting of SIGMET for all the concerned phenomena (i.e. WV SIGMET for Volcanic Ash, WC SIGMET for Tropical Cyclone, WS SIGMET for other phenomena).

1.2 This paper proposes a change to the ICAO CNS/MET Volcanic Ash and Tropical Cyclone Advisories and SIGMET Implementation Task Force (VA/TC/I TF) to incorporate issues relating to the implementation of all meteorological advisories and warnings.

2. Current MET Task Forces

2.1 The current meteorology-related Task Forces of the CNS/MET Sub-group to APANPIRG are:

- WAFS Implementation Task Force (WAFS/I TF);
- OPMET Management Task Force (OPMET/M TF);
- Volcanic Ash and Tropical Cyclone Advisories and SIGMET Implementation Task Force (VA/TC/I TF);
- Meteorology / Air Traffic Management Task Force (MET/ATM TF).

3. Proposed Change to MET Task Forces

3.1 The implementation of all advisories and warnings is a major concern globally and it is proposed that the VA/TC/I TF be extended to include all advisories and warnings.

3.2 Thus, it is proposed that the VA/TC/I TF of the CNS/MET Sub-group to APANPIRG be changed to the Meteorological Advisories and Warnings Implementation Task Force (METWARN/I TF) with an amended Terms of Reference, Work Plan and Composition as proposed in Appendix 1.

3.3 In addition it is proposed that the METWARN/I TF be held in the same week as the OPMET/M TF due to common tasks regarding the procedures and analysis of SIGMET tests and the review of the SIGMET Guide.

4. Action required by the Meeting

4.1 The meeting is invited to:

- a) Note the information in the paper; and
- b) Consider the proposal outlined in Section 3 and Attachment 1 of this paper.

ATTACHMENT 1

**ASIA/PAC TASK FORCE ON THE IMPLEMENTATION OF VOLCANIC ASH
AND TROPICAL CYCLONE METEOROLOGICAL ADVISORIES AND SIGMET
WARNINGS (VA/TC IMPLEMENTATION METWARN/TF)**

1. Terms of Reference

- a) Monitor the implementation of the tropical cyclone (TC) and volcanic ash (VA) meteorological advisories and SIGMETs warnings within the ASIA/PAC Region and identify any deficiencies.
- b) Coordinate operational issues related to the issuance of the VA and TC meteorological advisories and SIGMETs warnings.
- c) Continually seek ways to improve the operational effectiveness of the IAVW and the TC advisory and warning system;
- d) Provide advice to the CNS/MET Sub-group on the above issues.

2. Work Programme

The work to be addressed by the ASIA/PAC VA/TC Implementation Task Force METWARN/TF includes:

- a) Review procedures for the issuance of VA and TC meteorological advisories and SIGMETs warnings in the region and propose actions for their improvement;
- b) Investigate the deficiencies in the format and dissemination of the VA and TC meteorological advisories and SIGMETs warnings and propose actions for their elimination;
- c) Investigate the need of the States for guidance and/or training related to the implementation of meteorological advisories and warnings, in particular the IAVW and tropical cyclone warning system;
- d) Follow the developments in the States related to the improvement of the VA and TC meteorological advisories and warnings and provide regional input on these matters to the IAVWOPG Operations Group and METWSG (through APANPIRG);
- e) Coordinate regular regional SIGMET tests, in conjunction with the OPMET Management Task Force;
- f) Assist in development and implementation of regional project on related performance objective;
- g) Report on its work to the CNS/MET Sub-group of APANPIRG.

The work is expected to be carried out primarily by correspondence.

3. Composition

a) The Task Force is composed by experts from:

Australia, Japan (Rapporteur), New Zealand, United Kingdom, United States, China, Tonga and Maldives.

b) IATA is invited to participate in the work of the Task Force.