



International Civil Aviation Organization

**EIGHTEENTH MEETING OF THE METEOROLOGY
SUB-GROUP (MET SG/18) OF APANPIRG**

ICAO Regional Sub-Office, Beijing, China
18 – 21 August 2014

Agenda Item 4: Review outcomes from ICAO APAC groups

**REVIEW OUTCOMES OF THE SECOND MEETING OF
THE ATM SUB-GROUP OF APANPIRG**

(Presented by the Secretariat)

SUMMARY

This paper presents an overview of MET-related outcomes from the Second Meeting of the APANPIRG Air Traffic Management Sub-Group (ATM/SG/2) held in Hong Kong, China from 4 to 8 August 2014.

1. Introduction

1.1 The Second Meeting of the APANPIRG Air Traffic Management Sub-Group (ATM/SG/2) was held at the Headquarters of the Civil Aviation Department, Hong Kong, China from 4 to 8 August 2014.

1.2 All available documentation from ATM/SG/2, including the draft report, is available at the following website: <http://www.icao.int/APAC/Meetings/Pages/2014-ATMSG2.aspx>.

2. Discussion

2.1 ATM/SG/2 adopted nineteen (19) draft conclusions and decisions in its discussions under ten (10) agenda items, including one (1) draft conclusion related to MET adopted under the agenda item 6: AOP, AIM, MET, SAR.

2.2 Under agenda item 6, ATM/SG/2 noted that guidance on airport operations in adverse weather conditions (ice, frost, freezing rain, strong winds, rain, fog or low visibility and snow) were available in the Aerodrome Services Manual (Doc 9137), Part 8 – Airport Operational Services, however thunderstorm conditions were not included. ATM/SG/2 also noted the limited guidance material available for airports on handling emergency cases under thunderstorm conditions. The group noted that due to the location-specific nature of thunderstorm activity and effect (on airport operations) it would be difficult to develop more than general guidance, however the ATM/SG/2 agreed to adopt the draft conclusion formulated by the AOPWG for APANPIRG's consideration:

Draft Conclusion ATM/SG/2/8: Guidance on Airport Operations Procedures in Thunderstorm Conditions

Recognizing that guidance on airport operations procedure in thunderstorm conditions, which are commonly experienced in tropical countries, are not available, ICAO be invited to provide these for use by airport operators.

2.3 Under the component of agenda item 6 devoted to MET issues relevant to ATM, ATM/SG/2 reviewed outcomes from the MET/ATM seminar in 2013 and MET/R TF/3 and noted the outcomes related to the cross-FIR boundary alignment of graphical SIGMET information (MET/R TF/3 Draft Conclusion 3/4 refers), the harmonization and interoperability of aeronautical information, including meteorological information, as a key objective of the APAC Seamless ATM Plan (MET/R TF/3 Decision 3/5 refers), the development of customized (MET) products, a MET/ATM requirements survey in 2014 (MET/R TF/3 Decision 3/6 refers), the development of a volcanic ash exercise in the APAC region (MET/R TF/3 Decision 3/7 refers) and requirements for air-reports and for ATM systems to provide information to MET offices.

2.4 The ATM/SG/2 also reviewed outcomes from the MET/H TF/4 including surveys on capabilities of APAC States to prepare and issue SIGMETs for radioactive clouds and aerodrome warnings for tsunami, and the coordination with the RACP/TF on development of a framework for APAC regional contingency plans for phenomena that include volcanic ash, tropical cyclone, radioactive cloud and tsunami.

2.5 When discussing the development of volcanic ash exercises in the APAC region, the ATM/SG/2 recognised the importance of such planning to minimise the adverse effect on ATM of any volcanic activity.

3. Action by the Meeting

3.1 The meeting is invited to:

- a) note the information contained in this paper; and
- b) discuss any relevant matters as appropriate.
