



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

REPORT OF MET/ATM SEMINAR 2013 AND MET/R TF/3 MEETING

(Presented by Jun Ryuzaki, Chair of MET/R TF)

SUMMARY

This paper provides a summary of the MET/ATM Seminar 2013 and the Third Meeting of the Meteorological Requirements Task Force (MET/R TF/3), held in Bangkok, Thailand, from 25-28 December 2013.

1. Introduction

1.1 The Meteorology/Air Traffic Management (MET/ATM) Seminar and the Third Meeting of the Meteorological Requirements Task Force (MET/R TF/3) were held back-to-back at the ICAO APAC Regional Office in Bangkok, from 26 to 29 November 2013. The MET/ATM Seminar was conducted from 26 November 2013 until the morning of 28 November 2013, while the MET/R TF/3 Meeting commenced on the morning of 28 November 2013 and closed on 29 November 2013.

1.2 The Seminar and the Meeting were attended by 49 participants from Australia, Bangladesh, China, Hong Kong China, Indonesia, India, Japan, Malaysia, New Zealand, Philippines, Republic of Korea, Singapore, Russian Federation, Thailand, USA, Viet Nam, IATA and IFATCA. The list of participants is attached at Appendix A to the final report of the meeting.

1.3 Mr. Jun Ryuzaki, of Japan Meteorological Agency, acted as moderator for the Seminar and Chairperson for the Meeting. Mr. Peter Dunda, Regional Officer Aeronautical Meteorology, of the ICAO APAC Office, acted as the Secretary for the Meeting and was assisted by Mr Shane Sumner, Regional Officer Air Traffic Management.

1.4 The final report of the MET/R TF/3 meeting including summary of the outcomes from the MET/ATM Seminar is available at :
<http://www.icao.int/APAC/Meetings/2013%20METATMMETRTF3/Final%20Report%20of%20MET-R%20TF3v4%201.pdf>

2. Discussion

2.1 Through the Seminar and the TF/3 meeting, there were much variety of best practice examples of coordination between MET and ATM, ATM-tailored MET information and services presented by some States, as attached at the Appendix G to the final report. The meeting agreed that the use of “common language” between the two parties must be a key to success of collaborative operations and that it was very important to estimate possible weather impact on Air Traffic Flow with careful consideration of ATM/ATC procedures must be very important in order to provide effective support to ATM.

2.2 The meeting was informed that there had been a successful coordination between Australia and New Zealand for the alignment of each SIGMETs for the cross-boundary phenomena as shown in the Appendix G to the final report. It was acknowledged that there was a need of sharing real-time data between adjacent MWOs and the meeting endorsed the draft conclusion to remind States that there was the end user’s requirement for cross-boundary alignment of SIGMETs including graphical products and to consider development regional guidance material to meet the requirements.

2.3 Considering those progress on ATM-tailored services, the meeting agreed that it would be beneficial to conduct the regional survey on specific ATM requirements in each States through coordination by the Secretariat.

2.4 The Seminar and the meeting were also informed of recent progress of future Air Traffic System developments in two States, such as NextGen in the U.S. and the CARATS in Japan. The meeting acknowledged that those projects were basically along with GANP/ASBUs framework and agreed that it was important for each States in this region to consider how to address the requirement for future improved meteorological information and services, which would be also identified in the APAC Seamless ATM plan. Finally, the meeting endorsed an draft conclusion to develop regional guidance to help States address this future requirement from GANP/ASBUs.

2.5 The meeting also agreed that there was a strong need to develop guidance material to support smooth transition to digital data exchange under future SWIM environment. This work can be done in close coordination with the ROBEX WG.

2.6 The outcomes of the volcanic ash exercise conducted in far-east Europe, called VOLKAM, were explained by the Secretariat. The meeting concurred that the establishment of ATM contingency plan and regular exercise for volcanic ash were necessary in the Region. This work can be done through close coordination with the RACP/TF and the MET/H TF.

2.7 The meeting was apprised of the sub-regional ATFM had been discussed between some States in the South-East Asia, under the ATFM/SG. It was agreed that further collaboration with the ATFM/SG should be beneficial for the success of sub-regional ATFM and that the Secretariat would report the outcomes of this Seminar and Meeting to the ATFM/SG/3 meeting to seek for further collaboration.

2.8 The meeting evaluated the outcomes of the Seminar and agreed that it was a useful opportunity to share information on current activity and progress on operational collaboration between MET and ATM. Finally, it was decided that the next Seminar will be scheduled possibly in 2014, through coordination between the Secretariat and the Chairperson.

2.9 The meeting reviewed the composition of the task force and updated the terms of reference and work plan of the MET/R TF. The updated TOR and work plan is included in Appendix C and D of the final report.

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.
