



International Civil Aviation Organization

**FOURTEENTH MEETING OF THE ASIA/PACIFIC  
METEOROLOGICAL INFORMATION EXCHANGE WORKING GROUP  
(MET/IE WG/14)**

Bangkok, Thailand, 7 – 9 March 2016

**Agenda Item Conjoint C2: SIGMET and (volcanic ash and tropical cyclone) advisory information (including SIGMET tests)**

**SIGMET PAMPHLETS**

(Presented by MET/S WG Ad Hoc Group)

**SUMMARY**

This paper presents the draft volcanic ash (WV) SIGMET pamphlet in line with Amendment 76 to Annex 3 – Meteorological Service for International Air Navigation and the completed tropical cyclone (WC) and other phenomena (WS) SIGMET pamphlets.

**1. INTRODUCTION**

1.1 At the third meeting of the Meteorological Hazards Task Force (MET/H TF/3), held in Bangkok from 13-15 March 2013, it was agreed that Australia, New Zealand and Hong Kong, China review the SIGMET posters following Amendment 76 to *Annex 3 – Meteorological Service for International Air Navigation*.

1.2 The fourth meeting of the Meteorological Hazards Task Force (MET/H TF/4), held in Beijing, China from 19-21 March 2014, formulated the agreed action 4/12 as follows: '*Ad-hoc group consisting of Australia, Hong Kong-China and New Zealand (Rapporteur) to review and update the SIGMET posters to realign with Amendment 77 to Annex 3 in 2016*'.

1.3 The fifth meeting of the Meteorological Hazards Task Force (MET/H TF/5), held in Seoul, Republic of Korea from 18-20 March 2015, was presented with a draft of the WS and WC SIGMET pamphlets and subsequently formulated the following Decision:

***MET/H TF/5 Decision 5/1 – Regional guidance material: SIGMET pamphlets***

*That, in order to enhance the guidance available to States for the production of SIGMET:*

a) *The draft pamphlets presented in MET/H TF/5 WP/4, intended as a quick reference guide for the preparation of [WC and WS] SIGMET, be further developed and a new draft pamphlet be developed for [WV] SIGMET and promulgated through the MET SG to APANPIRG, ICAO HQ and WMO for final review and further action;*

- b) *Arrangements be proposed for the appropriate publication/distribution of the (approved) SIGMET pamphlets in electronic form; and*
- c) *Future revisions are to be developed to realign all the SIGMET pamphlets with Amendment 77 to ICAO Annex 3 for final review and approval in time for applicability in November 2016.*

1.4 The nineteenth meeting of the Meteorological Sub Group (MET/SG/19), held in Bangkok, Thailand from 3-6 August 2015, was also presented with a draft of the WS and WC SIGMET pamphlets and subsequently formulated the following draft conclusion for APANPIRG and Decision for the METSG:

***METSG/19 Draft Conclusion 19/18 — SIGMET Pamphlets***

*That, the final version of the SIGMET Pamphlets located at **Attachment 13** to this Report be adopted as Regional guidance material and distributed to States to facilitate improved format of SIGMET information.*

***METSG/19 Decision 19/19 — SIGMET Pamphlets***

*That, the ad hoc group, consisting of Australia, New Zealand, Japan and Hong Kong China:*

- a) *Forward the final versions of the WS and WC SIGMET pamphlets to ICAO for publication on the APAC eDocuments website\*, if approved by APANPIRG;*
- b) *Further develop the WV SIGMET pamphlet; and*
- c) *Review the pamphlets again in July 2016 when Amendment 77 to Annex 3 is published to ensure that the pamphlets are aligned accordingly with Amendment 77 prior to its effective date in November 2016.*

1.5 The twenty-sixth meeting of the Asia/Pacific Air Navigation Planning and Implementation Regional Group (APANPIRG/26), held in Bangkok, Thailand from 7-10 September 2015, was also presented with a draft of the WS and WC SIGMET pamphlets and subsequently formulated the following Conclusion:

***Conclusion APANPIRG/26/59 — SIGMET Pamphlets***

*That, ICAO be invited to adopt the SIGMET Pamphlets, provided in APANPIRG/26 WP/10 Appendix F, as Regional guidance material and distribute to States to facilitate improved format of SIGMET information.*

## 2. DISCUSSION

2.1 Initial discussion within the ad hoc group, and at the MET/H TF, regarding the format of the information concluded that it would be an advantage to provide the information in an A4 pamphlet style publication rather than a poster. This would allow for the information to be updated more readily as well as providing a format that could be easily viewed and/or downloaded from the Internet or sent to States via email.

2.2 The WS and WC SIGMET pamphlets approved by APANPIRG/26 are available online at: <http://www.icao.int/APAC/Documents/edocs/WS-SIGMET.pdf> and <http://www.icao.int/APAC/Documents/edocs/WC-SIGMET.pdf> respectively.

2.3 Subsequently the ad hoc group has been working on a draft of the WV SIGMET pamphlet. This is provided in **Attachment A** to this paper.

## 3. RECOMMENDATION

3.1 It is recommended that the METSG/20 adopt the following draft Conclusion:

### **Draft Conclusion MET/S WG/6/x – SIGMET Pamphlets**

- a) The MET/S WG review the WV SIGMET pamphlets and provide comment to the ICAO RO MET no later than 20 April 2016.
- b) The ad hoc group, consisting of Australia, New Zealand, Japan and Hong Kong China, finalise the WV SIGMET pamphlet for approval at the MET SG in June 2016; and
- c) An ad hoc group, consisting of Australia, New Zealand, Japan and Hong Kong China, review the pamphlets again in July 2016 when Amendment 77 to ICAO Annex 3 is published to ensure that they are updated prior to the effective date of November 2016.

## 4. ACTION BY THE MEETING

4.1 The meeting is invited to:

- a) note the information contained in this working paper; and
- b) adopt the Conclusion in paragraph 3.1.

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