



*International Civil Aviation Organization*

**SIXTH MEETING OF THE ASIA/PACIFIC METEOROLOGICAL SERVICES WORKING GROUP (MET/S WG/6)**

Bangkok, Thailand, 9 – 11 March 2016

**Agenda Item 2: Review of follow-up from previous meetings**

**REVIEW OF FOLLOW-UP FROM PREVIOUS MEETINGS**

(Presented by the Secretariat)

**SUMMARY**

This paper presents an overview of follow-up action to the fifth meeting of the Meteorological Hazards Task Force (MET/H TF/5), held in Seoul, Republic of Korea, from 18 to 20 March 2015.

**1 INTRODUCTION**

1.1 Available, reliable and compliant meteorological observations, forecasts, advisories and warnings are key enablers for air traffic efficiency (pre-flight planning) and safety (in-flight re-planning).

1.2 The purpose of the Meteorological Services Working Group (MET/S WG), formerly known as the Meteorological Hazards Task Force (MET/H TF) and now incorporating the functions of the former World Area Forecast System Task Force (WAFS TF), is to support the Meteorology Sub-group (MET SG) of the Asia/Pacific Air Navigation Planning and Implementation Regional Group (APANPIRG) through the completion of tasks aimed at improving the availability, reliability and compliance of meteorological services in the Asia/Pacific Region in support of increased efficiency and safety of the global air traffic system.

1.3 This paper reviews the status of follow-up on task lists generated by previous meetings of the MET/S WG (MET/H TF).

**2 DISCUSSION**

**Follow-up from MET/H TF/5**

2.1 The fifth meeting of the Meteorological Hazards Task Force (MET/H TF/5), held in Seoul, Republic of Korea, from 18 to 20 March 2015, developed a task list of 7 action items contributing towards the overall work plan and objectives of the group (Appendix D to the Report of MET/H TF/5 refers). An updated copy of the MET/H TF/5 task list, indicating the current status of

follow-up to the 7 action items, and suggested revisions to the time frames of some of the actions, is provided at **the Attachment** to this paper.

**Action item 5/1: Draft [WC and WS] SIGMET pamphlets**

2.2 WP/19 (to MET SG/19) presented draft [WC and WS] SIGMET pamphlets for review. MET SG/19 formulated Draft Conclusion 19/18 — *SIGMET Pamphlets*, proposing that the draft SIGMET pamphlets be adopted as Regional guidance material and distributed to States to facilitate improved format of SIGMET information. APANPIRG/26 subsequently adopted the draft conclusion as APANPIRG/26 Conclusion 26/59. The approved SIGMET pamphlets were promulgated to States and published on the ICAO Asia and Pacific Office website (ICAO letter Ref.: T 4/7.6:AP156/15 (MET), dated 12 October 2015, refers).

2.3 This matter is also discussed in WP/C05 (to the conjoint session of MET/IE WG/14 and MET/S WG/6).

2.4 The status of this action item may be considered as completed.

**Action item 5/2: Draft [WV] SIGMET pamphlet**

2.5 MET SG/19 adopted Decision 19/9 – *SIGMET Pamphlets*, including a proposal to further develop the WV SIGMET pamphlet. The draft WV SIGMET pamphlet is presented in WP/C05 (to the conjoint session of MET/IE WG/14 and MET/S WG/6) for further review.

2.6 The status of this action item may be considered as completed.

**Action item 5/3: Alignment of SIGMET pamphlets with Amendment 77 to Annex 3**

2.7 The submission of draft revisions to align all the SIGMET pamphlets with Amendment 77 to ICAO Annex 3 is expected to be completed in August 2016.

**Action items 5/4, 5/5 and 5/6: Draft Regional guidance for tsunami aerodrome warning and SIGMET information on radioactive cloud**

2.8 Updated draft Regional guidance material for aerodrome tsunami warning was presented in WP/20 to MET SG/19. Updated draft Regional guidance material on the issuance of SIGMET information for radioactive cloud was presented in WP/18 to MET SG/19.

2.9 Subsequent progress on the draft Regional guidance material for aerodrome tsunami warning is discussed in WP/05 (to MET/S WG/6) and subsequent progress on the draft Regional guidance material for SIGMET information for radioactive cloud is discussed in WP/C07 (to the conjoint session of MET/IE WG/14 and MET/S WG/6) for further review.

2.10 The status of these action items may be considered as completed.

**Action item 5/7: MET/S WG (MET/H TF) membership contact details**

2.11 Contact details for States in the MET/S WG were updated in January 2016 by email correspondence between the ICAO Asia and Pacific Office and States concerned. IATA contact details for MET/S WG were confirmed in IATA's response to the MET/S WG invitation letter. IFALPA contact details for MET/S WG are still to be confirmed.

2.12 The status of this action item may be considered as being in progress pending further liaison and confirmation with IFALPA.

**3. ACTION REQUIRED BY THE MEETING**

3.1 The meeting is invited to:

- a) note the information contained in this paper and discuss any relevant matters as appropriate;
- b) consider the action items 1, 2, 4, 5 and 6 as completed;
- c) consider the action item 7 as in progress; and
- d) review and set new time frames for the action items 3 and 7.

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**MET/H TF/5**  
**Task List**

Adapted from Appendix D to the Report of MET/H TF/5

(Highlighted text indicates updated information)

<b>ACTION ITEM</b>	<b>DESCRIPTION</b>	<b>TIME FRAME</b>	<b>RESPONSIBLE PARTY</b>	<b>STATUS</b>	<b>REMARKS</b>
5/1	Submit paper including draft [WC and WS] SIGMET pamphlets and a proposal for appropriate publication/distribution of the (approved) pamphlets in electronic form through MET SG/19 to APANPIRG/26 and/or ICAO HQ and WMO for adoption as regional guidance material.	July 2015	Ad-hoc group, comprising Australia, Hong Kong-China and New Zealand (Rapporteur)	COMPLETED	Related to MET/H TF/5 Decision 5/1
5/2	Develop a draft [WV] SIGMET pamphlet for review and approval (include in 5/1 if possible).	February 2016	Ad-hoc group, comprising Australia, Hong Kong-China and New Zealand (Rapporteur)	COMPLETED	Related to MET/H TF/5 Decision 5/1
5/3	Revise all SIGMET pamphlets as necessary, and submit drafts for approval, to align with, in time for the applicability of, Amendment 77 to ICAO Annex 3.	August 2016	Ad-hoc group, comprising Australia, Hong Kong-China and New Zealand (Rapporteur)	To commence	Related to MET/H TF/5 Decision 5/1
5/4	Obtain further comments on the draft tsunami warning guidance in WP/5 and the draft regional guidance material on SIGMET for radioactive clouds in IP/3.	July 2015	Secretariat and MET/H TF	COMPLETED	Related to MET/H TF/5 Decision 5/2 and 5/3
5/5	Revise the draft guidance material on tsunami warning as necessary, and ensure that end user consultation is a key component during the integration of aerodrome tsunami warning service into national tsunami warning systems, and submit a paper to MET SG/19	July 2015	Ad-hoc group comprising Indonesia and Japan	COMPLETED	Related to MET/H TF/5 Decision 5/2
5/6	Revise the draft guidance material on SIGMET for radioactive clouds as necessary and submit a paper to MET SG/19.	July 2015	Ad-hoc group comprising China (rapporteur), Hong Kong-China and Japan	COMPLETED	Related to MET/H TF/5 Decision 5/3
5/7	Confirm the MET/H TF membership contact details and invite IATA and IFALPA to nominate relevant experts for membership.	June 2016	Secretariat	IN PROGRESS	Related to MET/H TF/5 Decision 5/4