



International Civil Aviation Organization

**THE THIRD MEETING OF ASIA/PACIFIC METEOROLOGICAL
HAZARDS TASK FORCE (MET/H TF/3)**

Bangkok, Thailand, 13 – 15 March 2013

**Agenda Item 1: b) Follow-up action on the TF/2 meeting and relevant APANPIRG/23
Conclusions**

REVIEW OF APANPIRG/23 CONCLUSIONS AND PROGRESS

(Presented by the Secretariat)

SUMMARY

This paper provides a status of the progress on APANPIRG/23
Conclusions in the MET field.

1. INTRODUCTION

1.1 The Twenty-third Meeting of the Asia/Pacific Air Navigation Planning and Implementation Regional Group (APANPIRG/23) held in Bangkok, Thailand, 10 to 14 September 2012, adopted 8 Conclusions in the MET field and 2 Decisions with relevance to the MET sub-group. The full report may be accessed at <http://www.bangkok.icao.int/apanpirg/apanpirg23/index.html>.

2. APANPIRG CONCLUSIONS/DECISIONS AND PROGRESS

2.1 An extract from the APANPIRG/23 Conclusions/Decisions – Action Plan, with a summary of associated progress in the Conclusions/Decisions in the MET field or with relevance to the MET sub-group, is provided in **Attachment 1** for review and discussion, with particular attention to Conclusions 23/39, 23/40, 23/41, 23/42, 23/43, 23/44, 23/45 and 23/52, and Decisions 23/46 and 23/48. If the meeting has relevant updates, the summary can be updated accordingly.

3. ACTION BY THE MEETING

3.1 The meeting is invited to review the progress on APANPIRG/23 Conclusions and Decisions in the MET field and provide input and updates where available.

ATTACHMENT 1

(Reproduced from Attachment 3 to the APANPIRG/23 Report)

APANPIRG/23 Conclusions/Decisions – Action Plan

Conclusion/ Decision No	Title of Conclusion/Decision	Text of Conclusion/Decision	Responsibility	Deliverable	Target date	Status as of 22 Feb 2013
C 23/39	User readiness for transition from GRIB1 to GRIB2 code form WAFS Forecasts	That, ICAO urges States/users of WAFS forecasts in the ASIA/PAC Region to accelerate preparations for transition from WMO GRIB1 to GRIB2 WAFS forecasts if not already done so.	ICAO APAC office	State Letter	Sep 2012 – then revised to Mar 2013 to realign target date with WAFSOPSG/7 C 7/11	COMPLETED State Letters: AP029/13 and AN10/3.1-13/2
C 23/40	Update to the ASIA/PAC FASID Table MET 6	That, the ASIA/PAC FASID Table MET 6 be amended to reflect the requirements provided by States for primary Internet-Based service for WAFS Forecasts as provided in Appendix P to the Report on agenda item 3.4.	ICAO APAC office	Amendment to ASIA/PAC FASID Table MET 6	Nov 2012 – then revised to Jan/Feb 2013 to combine with PfA required by WAFSOPSG/7 Conclusion 7/2	COMPLETED PfA APAC 13/3

Conclusion/ Decision No	Title of Conclusion/Decision	Text of Conclusion/Decision	Responsibility	Deliverable	Target date	Status as of 22 Feb 2013
C 23/41	VAAC Backup Procedures in the ASIA/PAC Region	<p>That, Australia, Japan and New Zealand considers the further development of:</p> <p>a) VAAC Backup Procedures in the Asia-Pacific Region, as given at Appendix Q to the Report on agenda item 3.4, in order to include Tokyo, Wellington and Darwin VAACs; and</p> <p>b) Procedures for VAAC Backup Tests between Tokyo, Wellington and Darwin VAACs for inclusion in the Asia/Pacific Regional SIGMET Guide.</p>	<p>a) Japan, New Zealand and Australia;</p> <p>b) ICAO APAC Office</p>	<p>a) VAAC Backup Procedures for Tokyo/Wellington/Darwin; and</p> <p>b) Appendix (VAAC Backup Test Procedures) in ASIA/PAC Regional SIGMET Guide</p>	<p>Nov 2012</p> <p>a) revised to Mar 2013 for consideration at conjoint session of ROBEX WG/11 & MET/H TF/3</p>	<p>In Progress</p> <p>a) Conjoint session of ROBEX WG/11 & MET/H TF/3 to consider further development.</p> <p>b) Draft VAAC back-up and back-up test procedures in updated Regional SIGMET Guide (Oct 2012).</p>

Conclusion/ Decision No	Title of Conclusion/Decision	Text of Conclusion/Decision	Responsibility	Deliverable	Target date	Status as of 22 Feb 2013
C 23/42	Improvement of OPMET Data Availability	<p>That, the ICAO Secretariat, with the assistance of the OPMET/M TF, be invited to:</p> <p>a) continue the efforts to improve the availability (IATA requires at least 95% for AOP and 90% for non-AOP aerodromes listed in the FASID), timeliness and regularity of OPMET data at the RODBs, SADIS and WIFS, through regular monitoring and testing; and</p> <p>b) remind States concerned to ensure not more than one TAF is valid at an aerodrome at any given time (in accordance with Annex 3 – Meteorological Service for International Air Navigation, 6.2.7), and transmitted internationally as per ICAO provisions for services in support of flight planning.</p>	ICAO APAC office	State Letter	September 2012	<p>COMPLETED</p> <p>State Letter AP139/12 (Oct 2012)</p>

Conclusion/ Decision No	Title of Conclusion/Decision	Text of Conclusion/Decision	Responsibility	Deliverable	Target date	Status as of 22 Feb 2013
C 23/43	Improvement of Timeliness, Regularity and Availability of OPMET	<p>That, ICAO urges the States in the ASIA/PAC Region to:</p> <p>a) note the proposed Amendment 76 Annex 3 provision (intended applicability in November 2013) that will require an aerodrome forecast in the TAF code form to be issued not earlier than one hour prior to the beginning of its validity period;</p> <p>b) note that IATA expressed its requirement for international exchange of aerodrome forecasts to be completed no later than 30 minutes before the commencement of the period of validity *;</p> <p>c) continue efforts for standardized procedures for the issuance of OPMET data;</p> <p>d) consider the details provided in the IATA monitoring for the ASIA/PAC Region; and</p> <p>e) improve the issuance of OPMET data with respect to timeliness, regularity and availability.</p> <p>* ICAO to consider the requirements expressed by IATA and amends the global provisions as necessary.</p>	ICAO APAC office	State Letter	September 2012	<p>COMPLETED</p> <p>State Letter AP139/12 (Oct 2012)</p>

Conclusion/ Decision No	Title of Conclusion/Decision	Text of Conclusion/Decision	Responsibility	Deliverable	Target date	Status as of 22 Feb 2013
C 23/44	Improvement of OPMET Data Format	<p>That, ICAO remind the States in the Asia Pacific Region of the:</p> <p>a) Standards and Recommended Practices in Annex 3 – Meteorological Service for International Air Navigation concerning provision of operational meteorological information; and</p> <p>b) Annex 3 provisions concerning the quality management of meteorological information to be supplied to users that includes verification and validation procedures to be applied for the exchange of meteorological information for operational purposes, such as OPMET information.</p>	ICAO APAC office	State Letter	September 2012	<p>COMPLETED</p> <p>State Letter AP139/12 (Oct 2012)</p>

Conclusion/ Decision No	Title of Conclusion/Decision	Text of Conclusion/Decision	Responsibility	Deliverable	Target date	Status as of 22 Feb 2013
C 23/45	Implementation of Quality Management Systems for Meteorological Service Provision	That ICAO, in coordination with the World Meteorological Organization (WMO), considers urgent strategies to foster the implementation of quality management systems for meteorological service amongst States in the Asia/Pacific Region in light of the ICAO Annex 3 – Meteorological Service for International Air Navigation requirement applicable 15 November 2012.	ICAO APAC office	Strategy/plan	Oct 2012 – then revised to Mar 2013 to consider outcomes of related ICAO SIP proposal	In Progress States surveyed on QMS implementation (Nov 2012). SIP proposal for APAC QMS workshop submitted Nov 2012 and Jan 2013 – not approved
D 23/46	Subjects and Task Lists for CNS and MET Sub-groups	That, the list of Subjects/Tasks for CNS Sub-group provided in the Appendix S and list of Subjects/Tasks for MET Sub-group provided in the Appendix T to the Report on agenda item 3.4 be adopted.	ICAO APAC office	CNS and MET SGs notified of the approved Task List	May 2013	In Progress Review relevant parts by ROBEX WG/11, MET/H TF/3 and MET/R TF/3; present WP to MET SG/17
D 23/48	Aspect of Space Weather	That, CNS and MET SGs review the impact of space weather in the CNS and MET area and report to APANPIRG.	ICAO APAC office	Working Papers (reviewed by CNS SG/17 & MET SG/17 and delivered to APANPIRG/24)	16 April 2013, for CNS SG/17 & MET/SG 17 and 7 June 2013, for APANPIRG/24	In Progress

Conclusion/ Decision No	Title of Conclusion/Decision	Text of Conclusion/Decision	Responsibility	Deliverable	Target date	Status as of 22 Feb 2013
C 23/52	Transition from five regional deficiency databases to single global database	That States and International organization, a) note the approach to transfer five regional air navigation deficiency databases into a single centralized database on iSTARS platform by December 2012; b) test the centralized database on iSTARS platform using the guidance; c) Update the data as necessary in coordination with ICAO APAC Regional Office; and d) provide feedback to ICAO APAC Regional Office on the use of centralized database available in iSTARS, by 30 November 2012.	ICAO APAC office	State letter	Oct 2012	In Progress State Letter AP159/12 (AGA) Nov 2012
