



International Civil Aviation Organization

**EIGHTH MEETING OF THE ASIA/PACIFIC OPMET MANAGEMENT
TASK FORCE (OPMET/M TF/8)**

Bangkok, Thailand, 23 – 25 March 2010

**Agenda Item 2: Review
Status of APANPIRG/20 Conclusions**

REVIEW APANPIRG/20 CONCLUSIONS PROGRESS

(Prepared by the Secretariat)

SUMMARY

This paper provides a status of the progress on APANPIRG/20 Conclusions in the MET field.

1. INTRODUCTION

1.1 The Twentieth Meeting of the Asia/Pacific Air Navigation Planning and Implementation Regional Group (APANPIRG/20) held in Bangkok, Thailand from 7-11 September 2009 adopted 14 Conclusions and 1 Decision in the MET field. The full report may be accessed at <http://www.icao.or.th/apanpirg/apanpirg20/apanpirg20rpt.pdf>.

2. APANPIRG CONCLUSIONS PROGRESS

2.1 A summary of Conclusions in the MET field and associated progress is provided in the attachment for discussion. 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/20 Conclusions in the MET field and provide input if necessary.

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REVIEW OF APANPIRG/20 Conclusions in the MET field

Conclusion/ Decision No --- Strategic Objective*	Title of Conclusion/Decision	Text of Conclusion/Decision	Follow-up Action	To be initiated by	Deliverable	Target date	Status as of 31 January 2010
D 20/59	Use of the public Internet to access OPMET data and WAFS forecasts	That, OPMET data and WAFS forecasts currently distributed through the ISCS, if only used for flight planning, can be considered non-time critical and therefore, can be accessed through the public Internet. <i>Note: Relevant ICAO guidance will be updated accordingly, subject to consideration of a similar decision by the WAFSOPSG/5 Meeting and subsequent endorsement by ANC.</i>	(with regards to the note) – ANC consideration	ICAO HQ	Updated guidance material if clarity is needed	Nov 2010	COMPLETE-RO Issue form submitted to HQ Oct2009
C 20/60	Extension of the ISCS-G2 and the implementation of the WAFS Internet file server (WIFS)	That, WAFS Washington Provider State advise the ISCS user States about its intentions to: a) continue to work on extending the current ISCS-G2 service through 30 June 2012 to allow users sufficient time for transition to replacement services; and b) provide an operational WAFS Internet File Server (WIFS) by March 2010.	Inform States of ISCS-G2 cessation date Develop WAFS Internet File Server (WIFS)	WAFS Washington Provider State/ APAC Office WAFS Washington Provider State	ISCS website update/ State Letter WAFS products available by Internet	Dec 2009 Mar 2010	IN-PROGRESS SL- T4/8.4: AP-MET0001/10 that requests provider State inform user of APANPIRG C20/61 b, C20/60 a & b – sent 4 Jan 2010

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		<p><i>Note 3: the ISCS Provider State is expected to indicate its future plans concerning ISCS-G3 and the WIFS</i></p> <p>c) the WAFSOPSG be invited to consider preparing an amendment to all ICAO regional procedures in the ANP/FASID to render WIFS and SADIS FTP Service as an alternative to the respective satellite broadcasts as the primary means of obtaining WAFS forecasts and OPMET data for flight planning purposes.</p> <p><i>Note 4: WAFS user States are responsible for the procurement of the necessary tools to access WAFS forecasts and OPMET data provided by the WAFCS.</i></p> <p><i>Note 5: The adoption of this Conclusion reinstates the APANPIRG Conclusion 19/45, Transition to ISCS 3rd Generation.</i></p>	Update ANP/FASID	ICAO HQ (through WAFSOPS G)	Amendment Proposal to ANP/FASID (if deemed necessary by WAFSOPSG/5)	Jan 2010	<p>IN-PROGRESS (APs BANP {APAC 09/22 – MET, MET:AP169/09 (MET) } & FASID {APAC 09/23-MET, MET:AP170/09 (MET)} in accordance to WAFSOPSG C5/2 – sent 20Nov2009 due 15Jan2010</p> <p>FASID approved 22 Jan 2010 {APAC 09/23 – MET:AP016/10 (MET)} ANP pending appr HQ</p>

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C 20/62	Harmonization of procedures for OPMET data issuance	<p>That, ICAO Regional Office be invited to</p> <p>a) Include examples of correct methods of issuing OPMET data for inclusion in the ROBEX Handbook;</p> <p>b) After completion of a) above request States in the Asia/Pacific Region to implement these methods as a matter of priority; and</p> <p>c) Consult the RODBs to monitor the progress of OPMET data issuance in compliance with the Regional Air Navigation Plan for reporting at the OPMET/M TF/8 Meeting.</p>	<p>Update ROBEX Handbook</p> <p>Inform States</p> <p>RODB monitoring of OPMET compiling/filing times</p>	<p>ICAO APAC Office</p> <p>ICAO APAC Office</p> <p>RODBs / ICAO APAC Office</p>	<p>Updated ROBEX Handbook</p> <p>State Letter</p> <p>Inclusion of monitoring results in OPMET/M TF/8 Report</p>	<p>Oct 2009</p> <p>Oct 2009</p> <p>Apr 2010</p>	<p><u>COMPLETE</u></p> <p><u>COMPLETE</u> (SL-T4/8.3.2:AP132/09 (MET) sent 28Sep2009)</p>

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C 20/63	Improvement of OPMET data availability for AOP aerodromes	<p>That, after the next round of harmonization of OPMET data between SADIS and ISCS Provider States,</p> <p>a) IATA be invited to monitor the availability of OPMET data for AOP aerodromes; and</p> <p>b) ICAO Regional Office, based on the results of the monitoring in a) above, remind States concerned of unavailability of OPMET data.</p> <p><i>Note: the aim will be an availability of 95% of all OPMET data (METAR and TAF) from AOP aerodromes on SADIS and ISCS.</i></p>	<p>SADIS/ISCS harmonization</p> <p>IATA OPMET monitoring</p> <p>Inform States</p>	<p>ISCS and SADIS Provider States/ ICAO APAC Office</p> <p>IATA</p> <p>ICAO APAC Office</p>	<p>ISCS/SADIS OPMET harmonization</p> <p>Table of AOP aerodromes not available on SADIS</p> <p>State Letter</p>	<p>Oct 2009</p> <p>Dec 2009</p> <p>Jan 2010</p>	<p>IN-PROGRESS ISCS has provided Changes for SADIS Necessary for harmon- ization</p>

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C 20/64	Improvement of OPMET data availability for non- AOP aerodromes	<p>That, after the next round of harmonization of OPMET data between SADIS and ISCS Provider States,</p> <p>a) IATA be invited to monitor the availability of OPMET data for non-AOP aerodromes; and</p> <p>b) ICAO Regional Office, based on the results of the monitoring in a) above, approach States concerned to confirm their agreement to continue providing OPMET data</p> <p><i>Note: the aim will be an availability of 90% of all OPMET data (METAR and TAF) from non-AOP aerodromes on SADIS and ISCS.</i></p>	<p>SADIS/ISCS harmonization</p> <p>IATA OPMET monitoring</p> <p>Inform States</p>	<p>ISCS and SADIS Provider States/ ICAO APAC Office</p> <p>IATA</p> <p>ICAO APAC office</p>	<p>ISCS/SADIS OPMET harmonization</p> <p>Table of AOP aerodromes not available on SADIS</p> <p>State Letter</p>	<p>Oct 2009</p> <p>Dec 2009</p> <p>Jan 2010</p>	<p>IN-PROGRESS ISCS has provided Changes for SADIS Necessary for harmon- ization</p>

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C 20/65	Replace FASID Tables MET 4A and 4B by the ROBEX Handbook	That, the FASID Tables MET 4A and 4B be replaced with the ROBEX Handbook when referencing the ROBEX Scheme in the Basic ANP and FASID in accordance to Appendices V and W to the APANPIRG/20 Report on Agenda Item 3.4. Subsequently, FASID Tables MET 4A and 4B will be removed from the FASID.	Update ANP/FASID	ICAO APAC Office	Amendment Proposal to ANP/FASID	Dec 2009	<p>IN-PROGRESS (APs BANP {APAC 09/22 – MET, MET:AP169/09 (MET) } & FASID {APAC 09/23-MET, MET:AP170/09 (MET)} in accordance to APANPIRG 20/65&66 – sent 20Nov2009 due 15Jan2010)</p> <p>FASID approved 22 Jan 2010 {APAC 09/23 – MET:AP016/10 (MET)} ANP pending appr HQ</p>

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C 20/66	Replace FASID Table MET 4C by the Asia/Pacific regional OPMET data banks interface control document	That, the FASID Tables MET 4C be replaced with the Asia/Pacific regional OPMET data banks interface control document when referencing the responsibilities of the ASIA/PAC OPMET data banks for collection and dissemination of OPMET bulletins to support the ROBEX Scheme in the Basic ANP and FASID in accordance to Appendices V and W to the APANPIRG/20 Report on Agenda Item 3.4. Subsequently, FASID Table MET 4C will be removed from the FASID.	Update ANP/FASID	ICAO APAC Office	Amendment Proposal to ANP/FASID	Dec 2009	<p>IN-PROGRESS (APs BANP {APAC 09/22 – MET, MET:AP169/09 (MET)} & FASID {APAC 09/23-MET, MET:AP170/09 (MET)} in accordance to APANPIRG 20/65&66 – sent 20Nov2009 due 15Jan2010)</p> <p>FASID approved 22 Jan 2010 {APAC 09/23 – MET:AP016/10 (MET)} ANP pending appr HQ</p>
C 20/67	Cost Recovery by Volcano Observatories	That, the ICAO CNS/MET Sub-group VA/TC Implementation Task Force, in coordination with the VAAC Provider States and the ICAO Secretariat, be invited to investigate examples of agreements between State volcanic observatories and the civil aviation authorities that may be used by other States in considering the recovery of the cost in accordance with ICAO provisions.	Investigate cost recovery examples by volcanic observatories	VA/TC I TF/ VAACs/ ICAO HQ (IAVWOPSG)/ ICAO APAC Office	State Letter	June 2010	<p>IN-PROGRESS (draft SL reviewed by HQ – CAANZ provided Template of agreement Based on NZ MetService and airlines agreement Circulating to VA/TC I group for review</p>

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C 20/68	Expanded WV SIGMET Test Development	<p>That,</p> <p>a) Japan be invited to further develop an expanded WV SIGMET Test utilizing automated templates in consultation with the Darwin VAAC; and</p> <p>b) upon completion of a) above, Japan conducts the expanded WV SIGMET Test and produce an analysis to the OPMET/M TF/8 meeting for further review and subsequent reporting to the CNS/MET SG/14 meeting to determine the next phase of the test.</p>	<p>Develop WV expansion SIGMET test</p> <p>Conduct and report on trial test</p>	<p>Japan/ VAAC Darwin</p> <p>Japan</p>	<p>Updated WV expansion SIGMET Test</p> <p>Test results included in OPMET/M TF/8 and CNS/MET SG/14 reports</p>	<p>Apr 2010</p> <p>Apr 2010 / Jul 2010</p>	<p>(to be reported at the OPMET/M TF/8 meeting)</p>
C 20/69	Implementation of SIGMET on Radioactive Clouds and Aerodrome Warnings on Tsunami	<p>That, in view of clarifying existing Annex 3 provisions,</p> <p>a) the IAVWOPSG consider developing Annex 3 provisions and guidance material, as necessary, related to the issuance of SIGMET on radioactive clouds; and</p> <p>b) ICAO consider developing Annex 3 provisions and guidance material as necessary related to the issuance of aerodrome warnings on Tsunami.</p>	<p>Proposals to develop provisions and guidance material on radioactive cloud SIGMET and Tsunami aerodrome warnings</p>	<p>ICAO HQ</p>	<p>Amendment criteria to be included in Am. 76 or 77 to Annex 3, as necessary; guidance</p>	<p>2013 or 2016</p>	<p>COMPLETE-RO Issue form submitted to HQ Oct2009</p>

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C 20/70	Training on QMS	That, WMO, in coordination with ICAO, be invited to organize a seminar/workshop on QMS related to aeronautical meteorological services during the first half of 2010.	Conduct QMS Seminar/ Workshop	WMO/ICA O HQ/APAC Office	Seminar/Work shop	June 2010	IN-PROGRESS Invitation letter sent from ICAO HQ to WMO Coordination on dates necessary
C 20/74	Removal of the APANPIRG Air Navigation Deficiency AP- MET-15	That, the air navigation deficiency AP-MET-15 be removed from the APANPIRG air navigation deficiencies list.	Update list of APANPIRG air navigation deficiencies	ICAO APAC Office	Updated list of APANPIRG air navigation deficiencies	Dec 2009	COMPLETED
C 20/75	MET deficiencies to be added to the APANPIRG list of Air Navigation Deficiencies	That, the list of proposed air navigation deficiencies in Appendix F to the APANPIRG/20 Report on Agenda item 4, obtained by the ICAO TCB CAEMSA-SP reports be added to the list of APANPIRG air navigation deficiencies list tagged with the U status.	Update list of APANPIRG air navigation deficiencies	APAC Office	Updated list of APANPIRG air navigation deficiencies	Dec 2009	COMPLETED
C 20/76	Continuation of CAEMSA-SP	That, the DGCA/46 conference considers funding and resources be allotted by donor States, WMO, and ICAO for the continuation of the CAEMSA-SP in order to meet international requirements in the provision of meteorological services which would achieve the necessary safety and efficiency levels for airlines operating in the South Pacific.	Provide necessary means for the continuation of CAEMSA-SP	DGCA Conference	Continuation of CAEMSA- SP	Oct 2009	COMPLETED (through DGCA Action Item 46/11 – Technical Cooperation) Note also planning workshop Port Vila 31May-1Jun2010 for CAEMSA-SP Phase II

* **Note:** ICAO has established the following Strategic Objectives for the period 2005-2010:

A: Safety - Enhance global civil aviation safety; **B: Security** - Enhance global civil aviation security; **C: Environmental Protection** - Minimize the adverse effect of global civil aviation on the environment; **D: Efficiency** - Enhance the efficiency of aviation operations; **E: Continuity** - Maintain the continuity of aviation operations; **F: Rule of Law** - Strengthen law governing international civil aviation.