



International Civil Aviation Organization

THE TENTH MEETING OF ASIA/PACIFIC OPMET MANAGEMENT TASK FORCE (OPMET/M TF/10)

Bangkok, Thailand, 17 – 19 April 2012

Agenda Item 1: b) Review of the TORs and follow-up action on the TF/9 meeting and relevant APANPIRG/22 Conclusions

TERMS OF REFERENCE AND WORK PROGRAMME OF THE OPMET/M TASK FORCE

(Presented by the Secretariat)

SUMMARY

This paper presents the Terms of Reference and Work Programme of the OPMET/M TF as endorsed by the CNS/MET SG/15 meeting for review and update, as necessary.

This paper relates to:

Strategic Objectives:

A: Safety

C: Sustainability

Global Plan Initiatives:

GPI-18 Aeronautical information

GPI-19 Meteorological Systems

1. INTRODUCTION

1.1 The 13th Meeting of APANPIRG (Bangkok, September 2002) with its Decision 13/28 established ASIA/PAC OPMET Exchange Task Force (OPMET/E TF). The Meeting adopted Terms of Reference (TORs), Work Programme and composition of the Task Force. The 7th Meeting of the CNS/MET Sub-group of APANPIRG (July 2003), adopted Decision 7-10/26, by which the OPMET Exchange Task Force was renamed to ASIA/PAC OPMET Management Task Force (OPMET/M TF).

1.2 The TORs of the OPMET/M TF have been reviewed and proposed amendments provided by its second, third, fourth, sixth and seventh meetings. The CNS/MET SG/15 meeting held in Bangkok, Thailand, 25 – 29 July 2011, agreed on adding China, Hong Kong – China, Indonesia and New Zealand as members of the OPMET/M TF – as proposed by the OPMET/M TF/9 meeting. The CNS/MET SG/15 meeting made a further review of the TORs and suggested to update the target dates in the Work Programme for the recurrent tasks (CNS/MET SG/15 Decision 15/34 refers).

2. DISCUSSION

2.1 The TORs, Work Programme and composition of the Task Force are provided in the **Attachment** for review by the meeting. Changes endorsed by the CNS/MET SG/15 meeting (Decision 15/34) are shown in yellow highlighted text (to indicate additions) and red, strike-through text (to indicate deletions). Further changes proposed by the Secretariat or Members for endorsement by the OPMET/M TF/10 meeting for further consideration by the CNS/MET SG/16 meeting in July 2012 are indicated by blue highlighted text (additions) and blue, strike-through text (deletions).

2.2 The attributes of all MET related task forces have been standardized and can be accessed by following the links at the following website: http://www.bangkok.icao.int/apanpirg_sg.html. The standardized form contains activities to achieve milestones that may be updated by the relevant group.

3. ACTION BY THE MEETING

3.1 The meeting is invited to:

- a) review the TORs, Work Programme and composition of the Task Force;
- b) review the milestones and associated activities in the attachment; and
- c) propose any changes, as necessary, for consideration by the 16th meeting of the CNS/MET SG in July 2012.



ATTACHMENT
(from CNS/MET SG/15, Appendix A5 to the Report)

**ICAO APANPIRG CNS/MET
OPMET Management TASK FORCE (OPMET/M TF)**

1. TASK TEAM		
Secretariat	Address	Contact
Christopher F. Keohan Peter C. Dunda	Regional Officer MET International Civil Aviation Organization 252/1, Vibhavadee Road Ladyao, Chatuchak Bangkok 10900 Thailand	Ph: +66 (2) 537-8189 Ext. 153 Fax: +66 (2) 537-8199 Em: ckeohan@bangkok.icao.int PDunda@icao.int
Chair	Address	Contact
Ms. Chua Guat Mui SINGAPORE	Principal Technical Officer Meteorological Services Singapore P.O. Box 8, Singapore Changi Airport Post Office Singapore 918141	Ph: +65 6542 2861 Fax: +65 6542 2915 Em: chua_guat_mui@nea.gov.sg
Members	Address	Contact
Mr. Aidan Cooley AUSTRALIA	Data Management Specialist Airservices Australia Locked Bag 747, Eagle Farm QLD 4009 Australia	Ph: +61 (7) 3866 3762 Mbl: +61 417 434 975 Fax: +61 (7) 3866 3506 Em: aidan.cooley@airservicesaustralia.com
Ms. Sue O'Rourke AUSTRALIA	Head of Disaster Mitigation & Severe Weather Services Head of Aviation Meteorological Regulation Australian Bureau of Meteorology Weather & Ocean Services Branch Executive & International Affairs Branch GPO 1289 Melbourne VIC 3001 Australia	Ph: +61 (3) 9669 4505 4662 Mbl: +61 4 1823 4138 Fax: +61 (3) 9669 4695 4473 Em: S.O'Rourke@bom.gov.au metregulation@bom.gov.au
CHINA		
Ms. NG Wa-mui, Miranda HONG KONG, CHINA	Aeronautical Communications Supervisor Telecommunications Unit 2/F, ATCX 1 Control Tower Road Chek Lap Kok, N.T. Hong Kong	Ph: +852 29106264 Fax: +852 29101160 Em: wmng@cad.gov.hk

Mr. Zulkarnain INDONESIA	Aeronautical Meteorology Division Indonesia Meteorological, Climatological and Geophysical Agency Jalan Angkasa I Number 2, Kemayoran, Jakarta Pusat, Indonesia	Ph : +62 21 4246321 ext 8405 Fax : +62 21 6546315 email : zulkarnain@bmqg.go.id cillo_85@yahoo.com
Junichi Ishida (Mr) Mr. Takahiro Saito Shuichi Katsuki JAPAN	Senior Scientific Officer Information and Telecommunication Division Administration Division Forecast Department Japan Meteorological Agency 1-3-4 Otemachi, Chiyoda-ku Tokyo 100-8122	Ph: +81 (3) 3218-38252 8341 Fax: +81 (3) 3211-8404 Em: t_saito@met.kishou.go.jp katsuki@met.kishou.go.jp j-ishida@met.kishou.go.jp
NEW ZEALAND		
Mr. Somchai Yimsricharoenkit THAILAND	Director, Aeronautical Weather Forecast Division Bureau of Aeronautical Meteorology 6 th Floor ATC Complex Suvarnabhumi International Airport Rachathewa Samut Prakarn 10540 Thailand	Ph: +66 (2) 134 0011 Ext 214 Fax: +66 (2) 134 009-10 Em: somchai_yim@tmd.go.th
Mr. Chris Tyson UNITED KINGDOM (SADIS Provider State)	SADIS Manager & International Aviation Analyst Met Office, Fitzroy Road Exeter Devon EX1 3PB United Kingdom	Ph: +44 (0) 1392 884892 Fax: +44 (0) 870 900 5050 Em: chris.tyson@metoffice.gov.uk (contact through correspondence)
Mr. Steven Albersheim UNITED STATES (ISCS Provider State)	Federal Aviation Administration Senior Meteorologist, Programme Lead International FAA Headquarters 800 Independence Ave, S.W. Washington, D.C. 20591 USA	Ph: +1 (202) 385 7185 Fax: +1 (202) 385 7240 Em: steven.albersheim@faa.gov

2. DESCRIPTION

Objective	Increase OPMET availability and reliability needed for flight planning (efficiency) and in-flight re-planning (safety)
Benefits	Increase in safety and efficiency (time and fuel savings)
Terms of Reference	Under guidance from ICAO Secretariat: -Review the OPMET exchange schemes in the ASIA/PAC and MID Regions and develop proposals for their optimization taking into account the requirements by the aviation users and the current trends for global OPMET exchange; -Develop standardized quality control, monitoring and management procedures related to ROBEX exchange and other exchanges of OPMET information; -Regularly update the regional guidance material related to OPMET exchange; -Liaise with other groups dealing with communication and/or management aspects of the OPMET exchange in ASIA/PAC and other ICAO Regions (ASIA/PAC ATN Implementation Coordination Group, BMG EUR Region, CNS/MET SG MID Region, SADISOPSG)
Work Program	The work to be addressed by the ASIA/PAC OPMET Management Task Force (OPMET/M TF) includes:

	<p>a) to examine the existing and any new requirements for OPMET exchange in ASIA/PAC and MID regions and assess the feasibility of satisfying these requirements, taking into account the availability of the data;</p> <p>b) to keep under review the ROBEX scheme and other OPMET exchange schemes and prepare proposal for updating and optimizing of the schemes;</p> <p>c) to review and update the procedures for interregional OPMET exchange and ensure the availability of the required ASIA/PAC and MID OPMET data for the AFS satellite broadcasts (ISCS and SADIS);</p> <p>d) to keep under review and provide timely amendments to the regional guidance material on OPMET exchange; to ensure that guidance material contains procedures for the exchange of all required OPMET data types: SA, SP, FT, WS, WC, WV, FK, FV, UA;</p> <p>e) to conduct trials and develop procedures for quality control, monitoring and management of the OPMET exchange; to foster implementation of quality management of OPMET data by the ROBEX centres and the RODBs; and coordinate with METWARN/I TF in tracking and reporting of deficiencies in the format and dissemination of meteorological advisories and warnings;</p> <p>f) to monitor in coordination with ATM 1C Group, the transition to an alternative code (i.e. XML) for OPMET exchange;</p> <p>g) to participate in regular regional SIGMET tests, in conjunction with the METWARN/I TF;</p> <p>h) to further develop quality control guidance material and to promote implementation of quality control for OPMET management.</p>
--	--

3. COMMUNICATION STRATEGIES

Description	Target Audience	Delivery Method	Frequency / Date	Responsibility
Work Plan	Task Force Members	Document via email	As required but reviewed at least quarterly	Chair
General correspondence	Task Force Members	Email	As required	Task Force Members
Task Force Meeting	Task Team Members	Meeting	As required, supplemented by teleconference	Chair
Status & Milestone Reports	ICAO Secretariat and Task Team Members	Report via email	At least half-yearly	Chair
Task Force Report	CNS/MET SG	Working Paper	Yearly	Chair

4. PERFORMANCE FRAMEWORK FORM (PFF)

Tasks	Time Frame	Responsibility	Status	Milestone
Task 1: Improve the availability of OPMET data at the Regional OPMET Data Banks (RODB)	2011-2016	OPMET/M TF	In progress	1
Task 2: Improve the inter-regional OPMET exchange	2011-2016	OPMET/M TF	In progress	1,2
Task 3: Improve the availability of OPMET data in the Pacific	2011-2016	OPMET/M TF & TCB & PASO & States	In progress	3
Task 4: Review and update regional ROBEX tables and guidance material	2011-2016	OPMET/M TF & RO	In progress	4
Task 5: Facilitate and provide guidance to the implementation new/modified standards before	2011-2016	OPMET/M TF	In progress	5

applicability date and carry out post implementation review to ensure that standardized procedures are followed				
Task 6: Conduct periodic quality checks and OPMET monitoring to improve the quality and timeliness of OPMET in the Asia/Pac Region	2011-2016	OPMET/M TF & IATA	In progress	6
Task 7: Facilitate and monitor the migration to AIM and new MET codes (e.g. XML) for METAR/SPECI, TAF and SIGMET	TBD	OPMET/M TF & RO		7
5. MILESTONES				
Milestone		Accountability	Dates	Status
Milestone 1: Achieve 95% (90%) or greater OPMET availability for AOP (non-AOP) aerodromes at RODBs		RODBs OPMET/M TF	Feb 12 Annual	In progress
Milestone 2: Achieve 95% (90%) or greater OPMET availability for AOP (non-AOP) aerodromes at SADIS and ISCS		RODBs WAFCS OPMET/M TF	Feb 12 Annual	In progress
Milestone 3: Increase OPMET availability for South Pacific and participate in SIGMET test analysis (RODB Nadi)		RODB Nadi OPMET/M TF	Feb 12 Annual	In progress
Milestone 4: Update ROBEX Handbook and ICD at least yearly		Secretariat RODBs States OPMET/M TF	Jun 12 Annual	In progress
Milestone 5: Update ROBEX Handbook in advance of Amendments to Annex 3		Secretariat OPMET/M TF	Each 3 years	Complete (Am 75 to Annex 3)
Milestone 6: Monitor OPMET timeliness and regularity		RODBs IATA	Feb 12	In progress
Milestone 7: Monitor migration to AIM and new OPMET codes (XML)		Secretariat OPMET/M TF Chair	Feb 12 Annual	In progress
6. WORK PLAN				
Activity / Milestone	Accountability	Predecessors	Date	Status
Activity 1: Increasing OPMET availability at RODBs (95 and 90% for AOP and non-AOP aero)				
Activity 1.1: monitor RODB OPMET reception	RODBs	-	Dec11/ Jan12	
Activity 1.2: score against FASID Table MET 1A and 2A	RODBs/ Secretariat	1.1	Feb 12	
Activity 1.3: report to the OPMET/M TF mtg	Chair	1.2	Mar 12	
Activity 1.4 RODBs take corrective action where necessary of OPMET availability deficiency	Chair/RODBs	1.3	Apr-Jun12	
Milestone 1: Achieve 95% (90%) or greater OPMET availability for AOP (non-AOP) aerodromes at RODBs			30 Jun 12 Annual	
Activity 2: Increasing OPMET availability at SADIS/ISCS (95 and 90% for AOP and non-AOP aero)				

Activity 2.1: monitor SADIS/ISCS OPMET reception	IATA	-	Jan 12	
Activity 2.2: score against FASID Table MET 1A and 2A	IATA/ Secretariat	2.1	Feb 12	
Activity 2.3: report to OPMET/M TF mtg	IATA	2.2	Mar 12	
Activity 2.4: inform States and/or WAFCS of OPMET availability deficiency	Secretariat	2.3	Apr-Jun12	
Milestone 2: Achieve 95% (90%) or greater OPMET availability for AOP (non-AOP) aerodromes at SADIS and ISCS			30 Jun 12 Annual	
Activity 3: Increasing OPMET availability in South Pacific				
Activity 3.1: monitor OPMET reception of RODB Nadi	RODBs	-	Dec11/ Jan12	
Activity 3.2: measure against requirements	RODB Nadi/ Secretariat	3.1	Feb 12	
Activity 3.3: report to OPMET/M TF	RODB Nadi	3.2	Mar 12	
Activity 3.4: address any availability deficiencies	RODB Nadi/ Secretariat	3.3	Apr-Jun12	
Milestone 3: Increase OPMET availability for South Pacific and participate in SIGMET test analysis (RODB Nadi)				
Activity 4: Keeping guidance material current				
Activity 4.1: perform real time monitoring	RODB Sing	-	Jan 12	
Activity 4.2: verify with States	OPMET/M TF Secretariat	4.1	Mar 12	
Activity 4.3: draft amendment for chair review	Secretariat	4.2	May 12	
Activity 4.4: issue amendment to ROBEX HB and ICD (noting information on ICD is typically received from RODBs)	Secretariat	4.3	Jun 12	
Milestone 4: Update ROBEX Handbook and ICD at least yearly			Jun 12 Annual	
Activity 5: Updating guidance material with Amendments to Annex				
Activity 5.1: ROBEX Handbook updated in accordance with Amendment 75 to Annex 3	Secretariat OPMET/M TF Chair	-	Aug 10	Complete
Milestone 5: Update ROBEX Handbook in advance of Amendments to Annex 3				

Activity 6: Improving OPMET timeliness and regularity				
Activity 6.1: Monitor OPMET timeliness and regularity	IATA/ RODBs	-	Jan 12	
Activity 6.2: report irregularities by State to OPMET/M TF	IATA/ RODBs	6.1	Mar 12	
Activity 6.3: inform States of compliance	Secretariat	6.2	Apr-Jun 12	
Milestone 6: Monitor OPMET timeliness and regularity				
Activity 7: Monitoring transfer of OPMET exchange				
Activity 7.1: report global developments related to new OPMET exchange (i.e. XML)	Secretariat	-	Mar 12 Annual	
Milestone 7: Monitor migration to AIM and new OPMET codes (XML)				
