



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 4: Management of OPMET Exchange –

a) OPMET monitoring and quality control procedures

REVIEW OF OPMET MONITORING REPORT

(Presented by Singapore)

SUMMARY

This paper provides the result of OPMET Monitoring carried out between December 2011 and January 2012.

1. Introduction

1.1 The OPMET/M TF/9 decided that the OPMET monitoring to be carried out in December 2011 and January 2012.

1.2 The following indices are selected to determine OPMET exchanged performance in accordance with the methodology recommended in ROBEX Handbook:

- The Compliance Index; and
- The Regularity Index; and
- The Availability Index

1.3 The December data is used to compute the thresholds and the PIs are produced using January data.

1.4 Reference documents:

- ROBEX Handbook Twelfth Edition 2004 (Amended – April 2011)
- FASID MET2A Table (Asia Pac) (Updated on 28 Nov 2011 for Asia Pac Region)

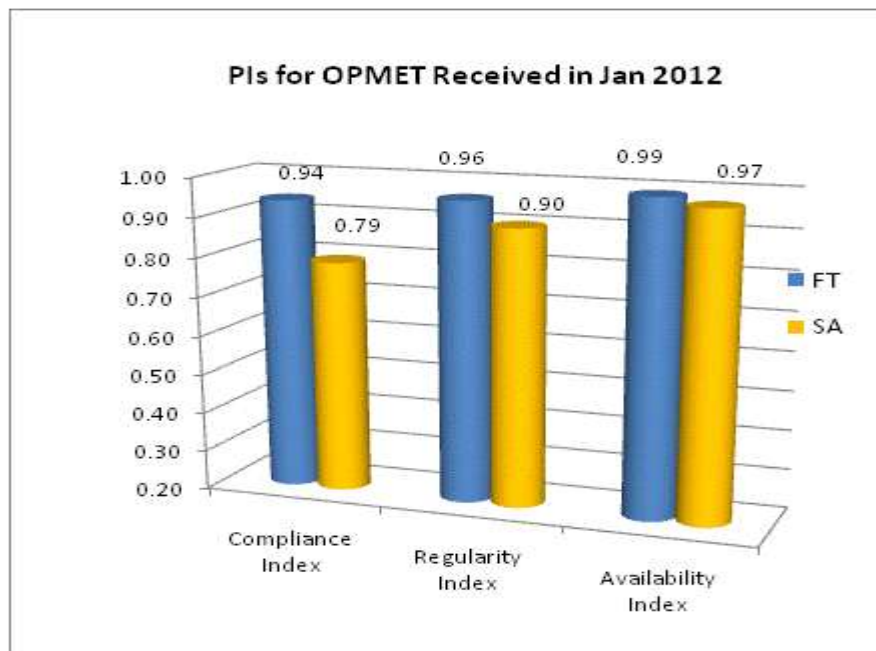
1.5 The following METARs are discounted in the monitoring due to these reports made available on request only.

SATH31 VTCL SATH32 VTSR SATH33 VTUI SATH33 VTUL
SATH33 VTUO SATH33 VTUQ SATH33 VTUV

2. Results - PI Measurements According to ROBEX HB

2.1 The table and graph below show the average of the three indices during the 31-day monitoring period.

Jan 12	Compliance Index	Regularity Index	Availability Index
FT	0.94	0.96	0.99
SA	0.79	0.90	0.97



2.2 The following Table 1 gives an overview on the low compliancy for TAF and METAR exchanged under the ROBEX Scheme.

Low Compliance Indices for TAF <= 0.5 and = 0					
TTAAii	CCCC	Compliance	TTAAii	CCCC	Compliance
FTPS31	NFTV	0.00	FTPS31	NWWW	0.00
FTPS31	NLWW	0.00	FTIN32	VNKT	0.40
FTPS31	NSAP	0.00	FTIN32	VOHY	0.02
FTPS31	NSTU	0.00	FTIN32	VRMM	0.00
Low Compliance Indices for METAR <= 0.5 and = 0					
TTAAii	CCCC	Compliance	TTAAii	CCCC	Compliance
SANG31	AYGN	0.03	SAIN33	VNKT	0.48
SANG31	AYMH	0.14	SAIN31	VOHY	0.26
SANG31	AYMO	0.11	SAAE31	VTBD	0.00
SANG31	AYNZ	0.25	SATH32	VTSC	0.35
SANG31	AYVN	0.05	SAAE31	VYMD	0.13
SANG31	AYWK	0.12	SAAE31	VYYY	0.26
SAPS31	NFFN	0.39	SAID31	WABB	0.32
SAPS31	NFNA	0.35	SAID32	WABP	0.00
SAPS31	NGTA	0.00	SAID31	WADA	0.00
SAPS31	NIUE	0.00	SAID33	WAJJ	0.05
SAPS32	NLWW	0.00	SAID33	WAKK	0.00
SAPS32	NSAP	0.00	SAID32	WALL	0.10
SAPS31	NSFA	0.00	SAID33	WALR	0.00
SAPS32	NSFA	0.00	SAID32	WAOO	0.45
SAPS31	NSTU	0.00	SAID33	WAPP	0.09
SAPS32	NVSS	0.00	SAID33	WARS	0.04
SAPS32	NVVV	0.00	SAID33	WATT	0.15
SAIR31	OAKB	0.00	SAID33	WIAT	0.00
SAIR32	OAKN	0.00	SAID31	WIHH	0.27
SANZ31	OPGD	0.00	SAID32	WIKN	0.00
SAPS31	PLCH	0.14	SAAU32	YBHM	0.46
SAAE31	VLVT	0.44	SAAU32	YCIN	0.50
			SAAU32	YFRT	0.49

Table 1: Low Compliancy for TAF and METAR

3. Comparison of OPMET Monitoring Result with the FASID MET 2A

3.1 Table 2 below shows the number of TAF and METAR are not received although OPMET data is required in the FSAID MET 2A.

AOP Aerodrome	FT required accordingly to FASID Table MET 2A	FT – Not received
	216	09 (4%)
<u>Detail for aerodromes not providing TAF:</u>		
VCCH VEGT VEGY WABP WAJJ WAKK WALR WIDN ZUXC		
Non-AOP Aerodrome	FT required accordingly to FASID Table MET 2A	FT - Not received
	127	02 (2%) 07 (US)
<u>Detail for aerodromes not providing TAF:</u>		
OPFA WADA PABA PACZ PADK PANT PATC PFYU PWAK		
AOP Aerodrome	SA required accordingly to FASID Table MET 2A	SA - Not received
	216	07 (3%)
<u>Detail for aerodromes not providing METAR:</u>		
ANYN VCCH VEGT VEGY VRMG ZKPY ZUXC		
Non-AOP Aerodrome	SA required accordingly to FASID Table MET 2A	SA – Not received
	127	07 (6%)
<u>Detail for aerodromes not providing METAR:</u>		
OPFT RPML RPMR RPVD RPVP VTPT WMKE		

Table 2: Number of TAF/METAR reports not available

3.2 The following table summarises missing TAF/METAR by their respective location identifiers.

AOP	FT	SA	Non-AOP	FT	SA
ANYN		X	OPFA	X	
VCCH	X	X	WADA	X	
VEGT	X	X	OPFT		X
VEGY	X	X	RPML		X
VRMG		X	RPMR		X
WABP	X		RPVD		X
WAJJ	X		RPVP		X
WAKK	X		VTPT		X
WALR	X		WMKE		X
WIDN	X				
ZKPY		X			
ZUXC	X	X			

Table 3: Aerodromes for which TAF or METAR are not received

4. Assessment

4.1 In term of TAF exchange, the three indices are showing reasonably good and exceeding above 90%.

4.2 For METAR figures, the compliances for a small number of aerodromes are relatively low. It shall be noted that there is still a significant number of aerodromes in the region for which the METAR reports are not available.

4.3 With reference to FASID MET 2A requirements, 4 aerodromes in the Asia Pac region are not producing TAF and METAR (18 aerodromes in Jan 2011) ; 10 aerodromes for which no METAR are produced (19 aerodromes in Jan 2011) and 7 aerodromes for which no TAF are produced (11 aerodromes in Jan 2011). In conclusion, there is a significant improvement in the OPMET availability in the region as compared with the monitoring result last year.

4. Action by the Meeting

3.1 The meeting is invited to:

- a) discuss the monitoring result; and
- b) decide on the follow-up action to improve OPMET availability.
