



International Civil Aviation Organization

**THIRD MEETING OF ASIA/PAC OPMET MANAGEMENT TASK FORCE
OF CNS/MET SUB-GROUP OF APANPIRG (OPMET/M TF/3)**

Bangkok, Thailand, 2-4 March 2005

Agenda Item: 2c) Inter-Regional exchange

MISSING OPMET INFORMATION FROM NON-AOP AERODROMES

(Presented by IATA)

SUMMARY

This paper is an analysis of the an OPMET data monitoring for the AISAPAC region with the focus on SADIS distribution and aerodromes not listed in the AOP table.

1. INTRODUCTION

1.1 Since SADIS becomes operational in the 90's it became to a more and more reliable source of weather data. Beside the distribution of WAFS products it is used for broadcasting OPMET data. Basis for the data distribution via SADIS is the SADIS User Guide and the Annex 1 to this guide.

1.2 SADIS has the task to provide all necessary or requested weather data to aviation users so that SADIS can be considered as a single source of data for flight planning purposes.

1.3 SADIS is a dedicated ICAO system, regulated and controlled under ICAO standards and recommended practices. It forms part of the Aeronautical Fixed Services (AFS) to ensure that aviation data are distributed without conflict and with the appropriate priority.

1.4 SADIS User Guide Annex 1 lists all aerodromes for which a distribution of OPMET data is required. It is agreed that the states of all in SUG Annex 1 listed NON-AOP aerodromes do not have any objections to disseminate OPMET data for these aerodrome worldwide.

2. DISCUSSION

2.1 In the following discussion some problems and deficiencies in the Asia-Pacific-Region will be outlined regarding the availability of required OPMET data of NON AOP aerodromes in the international OPMET data exchange.

2.2 Section 10 of the result table of the IATA monitoring shows that for these aerodromes all types of OPMET data (SA, FC, FT) are available on SADIS. Therefore no further action is necessary here.

Section 10:												
No data monitored on SADIS and/or in Europe but listed in SADIS User Guide Annex 1 and AOP table and not required by IATA					N = Not on SADIS							
					n = sometimes on SADIS							
ICAO Indicator	Aerodrome name	SADIS Annex 1	AOP Aerodrome	IATA Table A	SADIS				DWD			
					SA	FC	FT		SA	FC	FT	
					SA	FC	FT		SA	FC	FT	
YBMA	MOUNT ISA	Y		YBMA	X	X	X		X	X	X	
YCIN	CURTIN/DERBY	Y		YCIN	X	X	X		X	X	X	
YFRT	FORREST	Y		YFRT	X	X	X		X	X	X	
YPKU	KUNUNURRA	Y		YPKU	X	X	x		X	X	x	

2.3 Section 11 of the result table of the IATA monitoring shows that for these aerodromes two types of OPMET data (SA, FC) are available on SADIS. Therefore IATA would like to request an answer for following question:

Is it correct that the states do not issue FT for the aerodromes listed below?

Section 11:												
SA, FC available on SADIS and/or in Europe and listed in SADIS User Guide Annex 1 and not in AOP table and required by IATA					N = Not on SADIS							
					n = sometimes on SADIS							
ICAO Indicator	Aerodrome name	SADIS Annex 1	AOP Aerodrome	IATA Table A	SADIS				DWD			
					SA	FC	FT		SA	FC	FT	
WBGB	BINTULU	Y		WBGB	X	X	-		X	X	-	
WBKL	LABUAN	Y		WBKL	X	X	-		X	X	-	
WBKS	SANDAKAN	Y		WBKS	X	X	-		X	X	-	
WSSL	SINGAPORE/SELETAR	Y		WSSL	X	X	-		X	X	-	

2.4 Section 12 of the result table of the IATA monitoring shows that for these aerodromes two types of OPMET data (SA, FT) are available on SADIS. It is assumed that this is absolutely correct because in the Asia-Pacific-Region the issuance of FC is not a common procedure and is also not required by IATA. Therefore no further action is necessary here.

Section 12:											
SA, FT available on SADIS and/or in Europe and listed in SADIS User Guide Annex 1 and not in AOP table and required by IATA					N = Not on SADIS n = sometimes on SADIS						
ICAO Indicator	Aerodrome name	SADIS Annex 1	AOP Aerodrome	IATA Table A	SADIS			DWD			
					SA	FC	FT	SA	FC	FT	
PGWT	TINIAN INTL	Y		PGWT	X	-	X	X	-	X	
PKWA	KWAJALEIN ATOLL/BUCHOLZ AAF	Y		PKWA	X	-	X	X	-	X	
PMDY	MIDWAY HENDERSON FIELD	Y		PMDY	X	-	X	X	-	X	
PTSA	KOSRAE	Y		PTSA	X	-	x	X	-	x	
VIJP	JAIPUR	Y		VIJP	X	-	X	X	-	X	
VILK	LUCKNOW	Y		VILK	X	-	X	X	-	X	
VOHY	HYDERABAD	Y		VOHY	X	-	X	n	X	-	X
VYMD	MANDALAY/INTERNATIONAL	Y		VYMD	X	-	X	X	-	X	
WMKA	ALOR SETAR	Y		WMK A	X	-	X	X	-	X	
WMKC	KOTA BHARU/SULTAN ISMAIL PETRA	Y		WMKC	X	-	X	X	-	X	
WMKI	IPOH	Y		WMKI	X	-	X	X	-	X	
WMKN	KUALA TERENGGANU	Y		WMK N	X	-	X	X	-	X	
YBCG	COOLANGATTA/GOLD COAST	Y		YBCG	X	-	X	X	-	X	
YMAV	AVALON	Y		YMAV	X	-	X	X	-	X	
YPEA	PEARCE	Y		YPEA	X	-	X	X	-	X	
YPKG	KALGOORLIE	Y		YPKG	X	-	X	X	-	X	
YSCB	CANBERRA	Y		YSCB	X	-	X	X	-	X	
YSRI	RICHMOND (NSW)	Y		YSRI	X	-	X	X	-	X	
YWLM	WILLIAMTOWN	Y		YWLM	X	-	X	X	-	X	
ZGOW	SHANTOU	Y		ZGOW	X	-	X	X	-	X	
VOBG	BANGALORE	Y		VOBG	X	-	X	X	-	X	

2.5 Section 13 of the result table of the IATA monitoring shows that for these aerodromes one type of OPMET data (SA) is available on SADIS. It is very unlikely that an international aerodrome is not issuing any TAF. Therefore an investigation should be initiated to search for the cause of that problem.

Section 13:										
Only SA available on SADIS and/or in Europe and listed in SADIS User Guide Annex 1 and not in AOP table and required by IATA					N = Not on SADIS n = sometimes on SADIS					
ICAO Indicator	Aerodrome name	SADIS Annex 1	AOP Aerodrome	IATA Table A	SADIS			DWD		
					SA	FC	FT	SA	FC	FT
RKSO	OSAN	Y		RKSO	X	-	-	X	-	-
WBGY	SIMANGGANG	Y		WBGY	X	-	-	X	-	-

2.6 Section 14 of the result table of the IATA monitoring shows that for these aerodromes one type of OPMET data (FC) is available on SADIS, but that SA and FT is also available in Europe.

2.7 It is believed that this problem is caused by an erroneous routing or an incorrect addressing of the bulletins. The responsible gateway for OPMET data exchange to Europe should recheck the addressing and routings.

Section 14:												
Only SA available on SADIS and/or in Europe and listed in SADIS User Guide Annex 1 and not in AOP table and required by IATA					N = Not on SADIS							
					n = sometimes on SADIS							
ICAO Indicator	Aerodrome name	SADIS Annex 1	AOP Aerodrome	IATA Table A	SADIS				DWD			
					SA	FC	FT		SA	FC	FT	
NFNA	SUVA/NAUSORI INTL	Y		NFNA	-	X	-		X	X	X	

2.8 Section 15 of the result table of the IATA monitoring shows that for these aerodromes one type of OPMET data (FT) are available on SADIS.

2.9 It is believed that some of the problem of missing SA is caused by an erroneous routing or an incorrect addressing of the bulletins. The responsible gateway for OPMET data exchange to Europe should recheck the addressing and routings.

2.10 An investigation should be started to search for the reason that in most cases no SA are delivered. Without observation it is not possible to produce a valid TAF.

Section 15:												
Only FT available on SADIS and/or in Europe and listed in SADIS User Guide Annex 1 and not in AOP table and required by IATA					N = Not on SADIS							
					n = sometimes on SADIS							
ICAO Indicator	Aerodrome name	SADIS Annex 1	AOP Aerodrome	IATA Table A	SADIS				DWD			
					SA	FC	FT		SA	FC	FT	
RPLC	CLARK INTL/ANGELES	Y		RPLC	-	-	X	n	-	-	X	
RPVP	PUERTO PRINCESA	Y		RPVP	-	-	X		-	-	X	
VTCH	MAE HONG SON	Y		VTCH	-	-	x		-	-	x	
VTCL	LAMPANG	Y		VTCL	-	-	x		-	-	x	
VTCH	NAN	Y		VTCH	-	-	x		-	-	x	
VTCP	PHRAE	Y		VTCP	-	-	x		-	-	x	
VTPB	PHETCHABUN	Y		VTPB	-	-	x		-	-	x	
VTPM	TAK/MAE SOT	Y		VTPM	-	-	x		-	-	x	
VTSC	NARATHIWAT	Y		VTSC	-	-	X		-	-	X	
VTSE	CHUMPHON	Y		VTSE	-	-	X		-	-	X	
VTSE	NAKHON SI THAMMARAT	Y		VTSE	-	-	X		-	-	X	
VTSG	KRABI	Y		VTSG	-	-	X		-	-	X	
VTSG	PATTANI	Y		VTSG	-	-	X		-	-	X	
VTSM	SURAT THANI/SAMUI	Y		VTSM	-	-	X		-	-	X	
VTSR	RANONG	Y		VTSR	-	-	x		-	-	x	
VTST	TRANG	Y		VTST	-	-	X		-	-	X	
VTUD	UDON THANI	Y		VTUD	-	-	X		-	-	X	

VTUI	SAKON NAKHON	Y		VTUI	-	-	X		-	-	X
VTUL	LOEI	Y		VTUL	-	-	X		-	-	X
VTUO	BURI RAM	Y		VTUO	-	-	X		-	-	X
VTUQ	NAKHON RATCHASIMA	Y		VTUQ	-	-	X		-	-	X
VTUV	ROI ET	Y		VTUV	-	-	X		-	-	X
VTUW	NAKHON PHANOM	Y		VTUW	-	-	X		-	-	X
ZJHK	HAIKOU/MEILAN	Y		ZJHK	-	-	X		-	-	X
ZYCC	CHANGCHUN/DAFANGSHEN	Y		ZYCC	-	-	X		-	-	X

2.11 Section 16 of the result table of the IATA monitoring shows that for these aerodromes no OPMET data are available on SADIS. Therefore IATA would like to request an answer for following question:

What is the reason for the absence of OPMET data for the aerodromes listed below? Do they not issue any OPMET data?

Section 16:											
No data available on SADIS and/or in Europe and listed in SADIS User Guide Annex 1 and not in AOP table and required by IATA					N = Not on SADIS n = sometimes on SADIS						
ICAO Indicator	Aerodrome name	SADIS Annex 1	AOP Aerodrome	IATA Table A	SADIS				DWD		
					SA	FC	FT		SA	FC	FT
AYDU	DARU	Y		AYDU	-	-	-		-	-	-
AYGA	GOROKA	Y		AYGA	-	-	-		-	-	-
AYMD	MADANG	Y		AYMD	-	-	-		-	-	-
AYMH	MOUNT HAGEN	Y		AYMH	-	-	-		-	-	-
AYMO	MOMOTE	Y		AYMO	-	-	-		-	-	-
AYNZ	NADZAB	Y		AYNZ	-	-	-		-	-	-
AYWK	WEWAK	Y		AYWK	-	-	-		-	-	-
RKSM	SEOUL AIRBASE	Y		RKSM	-	-	-		X	-	-
VVCI	HAIPHONG / CATBI	Y		VVCI	-	-	-		-	-	-
WARJ	YOGYAKARTA/ADI SUTJIPTO	Y		WARJ	-	-	-		-	-	-
WARQ	SOLO	Y		WARQ	-	-	-		-	-	-
WASS	SORONG	Y		WASS	-	-	-		-	-	-

2.12 For aerodromes in section 17 IATA has no requirements, but OPMET data are broadcasted on SADIS. The OPMET data of these aerodromes are required according SUG Annex 1 and this requirements is completely fulfilled.

Section 17:												
SA, FT available on SADIS and/or in Europe and listed in SADIS User Guide Annex 1 and not in AOP table and not required by IATA					N = Not on SADIS							
					n = sometimes on SADIS							
ICAO Indicator	Aerodrome name	SADIS Annex 1	AOP Aerodrome	IATA Table A	SADIS				DWD			
					SA	FC	FT		SA	FC	FT	
YAMB	AMBERLEY	Y			X	X	X		X	X	X	
YBHM	HAMILTON ISLAND	Y			X	X	x		X	X	x	
YPGV	GOVE	Y			X	X	X		X	X	X	

2.13 For aerodromes in section 18 IATA has no requirements. MET data is broadcasted on SADIS, but only one type of OPMET data (SA) is available on SADIS. It is very unlikely these aerodromes are not issuing any TAF. Therefore an investigation should be initiated to search for the cause of that problem.

Section 18:												
Only SA available on SADIS and/or in Europe and listed in SADIS User Guide Annex 1 and not in AOP table and not required by IATA					N = Not on SADIS							
					n = sometimes on SADIS							
ICAO Indicator	Aerodrome name	SADIS Annex 1	AOP Aerodrome	IATA Table A	SADIS				DWD			
					SA	FC	FT		SA	FC	FT	
WMAU	MERSING	Y			X	-	-		X		-	-
WMBA	SITIAWAN	Y			X	-	-		X		-	-

2.14 For aerodromes in section 18 IATA has no requirements and no OPMET data are available on SADIS. Therefore IATA would like to request an answer for following question:

What is the reason for the absence of OPMET data for the aerodromes listed below? Do they not issue any OPMET data? If the answer is yes, these aerodromes can be removed from SUG Annex 1.

Section 19:												
No data available on SADIS and/or in Europe and listed in SADIS User Guide Annex 1 and not in AOP table and not required by IATA					N = Not on SADIS							
					n = sometimes on SADIS							
ICAO Indicator	Aerodrome name	SADIS Annex 1	AOP Aerodrome	IATA Table A	SADIS				DWD			
					SA	FC	FT		SA	FC	FT	
VCCC	COLOMBO/RATMALANA	Y			-	-	-		-	-	-	
VCCJ	KANKESANTURAI/JAFFNA	Y			-	-	-		-	-	-	
VEBS	BHUBANESWAR	Y			-	-	-		-	-	-	
VIPK	PATHANJOT	Y			-	-	-		-	-	-	
VTPH	PRACHUAP KHIRI KHAN/HUA HIN	Y			-	-	-		-	-	-	

VTSN	NAKHON SI THAMMARAT/CHAIAN	Y				-	-	-		-	-	-
VVDB	DIENBIEN	Y				-	-	-		-	-	-
VVDL	DALAT /LIENKHUONG	Y				-	-	-		-	-	-
VVNT	NHATRANG	Y				-	-	-		-	-	-
VVPB	HUE / PHUBAI	Y				-	-	-		-	-	-
VYSW	SITTWE	Y				-	-	-		-	-	-
WADA	MATARAM	Y				-	-	-		-	-	-
WBKT	KUDAT	Y										

3. CONCLUSION

3.1 Since the first meeting of OPMET/M TF some good improvements in the availability of OPMET data from the Asia-Pacific-Region on SADIS and ISCS has been noticed.

3.2 There are 88 aerodromes NON-AOP aerodromes listed in the SUG Annex 1 for the Asia-Pacific-Region. For 25 aerodromes IATA couldn't find any OPMET data. 28 aerodromes do show a satisfactory coverage of OPMET data availability.

3.3 Only 35 aerodromes do not fully fulfil the basic IATA requirements for OPMET data. In summary 60 aerodromes have to be considered for further investigations.

4. ACTION BY THE GROUP

4.1 The group is invited

- a) to note the analysis of the IATA OPMET data monitoring focused on AOP aerodromes
- b) to take action for further improvements in OPMET data exchange
- c) to start an investigation to solve all mentioned problems and deficiencies

- END -