



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 1 b): Follow-up of the OPMET/M TF 2 - Action Item 2004-3.6
Survey of the availability of METAR and TAF from Pacific States.**

PACIFIC STATES SURVEY

(Presented by Australia)

SUMMARY

This paper presents information on a survey of Pacific States on the availability of METAR and TAF, based on FASID Table Met 1A and SADIS User Guide Annex 1.

1 INTRODUCTION

1.1 The First Meeting of the ASIA/PAC OPMET Exchange Task Force (OPMET/E TF) was advised on the outstanding APANPIRG Conclusion 10/23, stating that: “Based on the AFTN configuration, collection areas of the ROBEX Centres be extended to include all International aerodromes listed in Table MET 1A of the ASIA/PAC Air Navigation Plan (ANP)”. The meeting was provided with a table showing the current correspondence between FASID Table MET 1A and the ROBEX regular exchange of METAR and TAF. It was noted that a large number of aerodromes listed in FASID Table Met 1A were not yet covered by the ROBEX scheme.

1.2 The meeting noted that the OPMET data shortfalls were particularly significant for the Pacific Region. The representatives of Fiji, Australia and the US were requested to survey the availability of METAR and TAF from the Pacific States and inform the group of the results. The meeting was advised that Nadi RODB had the capacity to handle the METAR information in addition to their current responsibility for TAFs from the Pacific.

1.3 At the second meeting of the OPMET/Management TF, the shortfall of OPMET data from the Pacific region was discussed further, following concerns raised by New Zealand.

1.4 At the second meeting the expert from IATA advised that SADIS User Guide (SUG) Annex 1 was considered a replacement of FASID Table MET 2, with this being adopted by EUR Region and considered the requirements of the aviation industry. The meeting sought clarification of the status of FASID Table MET 2.

2. DISCUSSION

2.1 Pending clarification of 1.4 above both FASID and SUG Annex 1 are being taken as the requirements for the Pacific Region for this survey.

2.2 Preliminary work has been carried out to determine which bulletins are being transmitted and whether they are transmitted on AFTN or GTS. From this work it appears that Washington is generating most missing FT and SA bulletins for the GTS using the WMO Pacific Area Designators PA (Pacific Area), PS (South Pacific Area) and PQ (Western Pacific Area, but the bulletins do not appear on the AFTN as part of the ROBEX exchange. The area grouping and used in the WMO bulletins was not considered suitable by the Task Force, with Action Item 3.8 “*Change of OPMET bulletin structure from multinational to national*”, being the preferred ROBEX bulletin method. Appendix 1 lists Pacific States with relevant bulletin numbers.

2.3 Following the preliminary work a letter and accompanying survey was prepared and sent to all Pacific States in late January 2005. Once the responses have been collated, States will be advised of any corrections to addressing of bulletins, this will be followed later with a test day by all RODBs to optimise the exchange schemes. Appendix 2 contains the letter and survey sent to Pacific States.

3. ACTION BY THE MEETING

3.1 The meeting is invited to:

- a) note the information in this paper;
- b) provide any additional information or contents to assist with the availability of METAR/TAF for the Pacific States.

-END-

Appendix 1

ROBEX Exchange of METARs and TAFs Via AFTN and GTS

Name Of the aerodrome	Use	ICAO Loc.ind.	ROBEX SA bulletin	ROBEX FT bulletin	RODB	GTS SA Bulletin	GTS FT Bulletin
AMERICAN SAMOA (United States)							
PAGO PAGO/Pago Pago Intl	RS	NSTU	-	FTPS31 NFFN	NADI	SAPA32 KWBC	FTPA32 KWBC
AUSTRALIA							
ADELAIDE/Adelaide	RS	YPAD	SAAU31 YBBN	FTAU31 YBBN	BRISBANE	SAAU31 AMMC	FTAU31 AMMC
ALICE SPRINGS/Alice Springs	AS	YBAS	SAAU31 YBBN	FTAU31 YBBN	BRISBANE	SAAU31 AMMC	FTAU31 AMMC
AMBERLEY		YAMB	SAAU32 YBBN	FCAU31 YBBN	BRISBANE		
AVALON		YMAV	SAAU32 YBBN	FTAU32 YBBN	BRISBANE	SAAU31 AMMC	FCAU31 AMMC
BRISBANE/Brisbane	RS	YBBN	SAAU31 YBBN	FTAU31 YBBN	BRISBANE	SAAU31 AMMC	FTAU31 AMMC
BROOME/Broome	AS	YBRM	SAAU32 YBBN	FCAU31 YBBN	BRISBANE	SAAU31 AMMC	FCAU31 AMMC
CAIRNS/Cairns	RS	YBCS	SAAU31 YBBN	FTAU31 YBBN	BRISBANE	SAAU31 AMMC	FTAU31 AMMC
CANBERRA		YSCB	SAAU32 YBBN	FTAU32 YBBN	BRISBANE	SAAU31 AMMC	FTAU32 AMMC
CHRISTMAS I./Christmas I.	RS	YPXM	SAAU31 YBBN	FTAU31 YBBN	BRISBANE	SAAU31 AMMC	FCAU31 AMMC
COCOS I./Cocos I.	RS	YPCC	SAAU31 YBBN	FTAU32 YBBN	BRISBANE	SAAU31 AMMC	FTAU31 AMMC

Name Of the aerodrome	Use	ICAO Loc.ind.	ROBEX SA bulletin	ROBEX FT bulletin	RODB	GTS SA Bulletin	GTS FT Bulletin
COOLANGATTA		YBCG	SAAU32 YBBN	FTAU32 YBBN	BRISBANE	SAAU31 AMMC	FTAU31 AMMC
CURTIN-DERBY		YCIN	SAAU32 YBBN	FCAU31 YBBN	BRISBANE		
DARWIN/Darwin	RS	YPDN	SAAU31 YBBN	FTAU31 YBBN	BRISBANE	SAAU31 AMMC	FTAU31 AMMC
DUBBO/Dubbo	AS	YSDU	SAAU32 YBBN	FCAU31 YBBN	BRISBANE	SAAU31 AMMC	FCAU31 AMMC
FORREST		YFRT	SAAU32 YBBN	FCAU31 YBBN	BRISBANE		
GOVE		YPGV	SAAU32 YBBN	FCAU31 YBBN	BRISBANE		
HAMILTON I.		YBHM	SAAU32 YBBN	FCAU31 YBBN	BRISBANE		
HOBART/Hobart	RS	YMHB	SAAU32 YBBN	FCAU31 YBBN	BRISBANE	SAAU31 AMMC	FCAU31 AMMC
KALGOORLIE		YPKG	SAAU32 YBBN	FTAU32 YBBN	BRISBANE		
KUNUNURRA		YPKU	SAAU31 YBBN	FCAU31 YBBN	BRISBANE		
LAUNCESTON		YMLT	SAAU32 YBBN	FCAU31 YBBN	BRISBANE		
LEARMONTH/Learmonth	AS	YPLM	SAAU31 YBBN	FTAU32 YBBN	BRISBANE	SAAU31 AMMC	FTAU31 AMMC
MELBOURNE/Melbourne Intl	RS	YMML	SAAU31 YBBN	FTAU31 YBBN	BRISBANE	SAAU31 AMMC	FTAU31 AMMC
MOUNT ISA		YBMA	SAAU32 YBBN	FCAU31 YBBN	BRISBANE		
NORFOLK I./Norfolk I.	RS	YSNF	SAAU32 YBBN	FCAU31 YBBN	BRISBANE	SAAU31 AMMC	FCAU31 AMMC

Name Of the aerodrome	Use	ICAO Loc.ind.	ROBEX SA bulletin	ROBEX FT bulletin	RODB	GTS SA Bulletin	GTS FT Bulletin
PEARCE		<i>YPEA</i>	<i>SAAU32 YBBN</i>	<i>FTAU32 YBBN</i>	<i>BRISBANE</i>	<i>SAAU31 AMMC</i>	<i>FTAU31 AMMC</i>
PERTH/Perth Intl	RS	YPPH	SAAU31 YBBN	FTAU31 YBBN	BRISBANE	SAAU31 AMMC	FTAU31 AMMC
PORT HEDLAND/Port Hedland	RS	YPPD	SAAU32 YBBN	FTAU32 YBBN	BRISBANE	SAAU31 AMMC	FTAU31 AMMC
RICHMOND		<i>YSRI</i>	<i>SAAU32 YBBN</i>	<i>FTAU32 YBBN</i>	<i>BRISBANE</i>	<i>SAAU31 AMMC</i>	<i>FCAU31 AMMC</i>
ROCKHAMPTON/Rockha mpton	AS	YBRK	SAAU32 YBBN	FTAU32YB BN	BRISBANE	SAAU31 AMMC	FTAU31 AMMC
SYDNEY/Kingsford Smith Intl	RS	YSSY	SAAU31 YBBN	FTAU31 YBBN	BRISBANE	SAAU31 AMMC	FTAU31 AMMC
TINDAL/Tindal	AS	YPTN	SAAU31 YBBN	FTAU31 YBBN	BRISBANE	SAAU31 AMMC	FTAU31 AMMC
TOWNSVILLE/Townsville	RS	YBTL	SAAU31 YBBN	FTAU32 YBBN	BRISBANE	SAAU31 AMMC	FTAU31 AMMC
WILLIAMTOWN		<i>YWLM</i>	<i>SAAU32 YBBN</i>	<i>FTAU32 YBBN</i>	<i>BRISBANE</i>		
COOK ISLANDS							
AVARUA/Rarotonga Intl	RS	NCRG	-	FTNZ32 NZKL			FCPS31 KWBC FTPA32 KWBC
							FCPS31 NFFN
FIJI							
NADI/Nadi Intl	RS	NFFN	-	FTPS31 NFFN	NADI		FCPS31 NFFN FTPA32 KWBC

Name Of the aerodrome	Use	ICAO Loc.ind.	ROBEX SA bulletin	ROBEX FT bulletin	RODB	GTS SA Bulletin	GTS FT Bulletin
SUVA/Nausori	RS	NFSU	-	-			FCPS31 NFFN
NAOUSORI/NAOUSORI INTL		NFNA					FCPS31 NFFN
FRENCH POLYNESIA							
RANGIROA/Rangiroa	AS	NTTG	-	-			
TAHITI/Faaa	RS	NTAA	-	FTNZ32 NZKL		SAPF20 NTAA	FTPA32 KWBC FTPF21 NTAA
GUAM (United States)							
GUAM I./Agana NAS	RS	PGUM	-	FTPQ31 PGUM		SAPA31 KWBC	FTPQ31 PGUM FTPA31 KWBC
GUAM I./Anderson AFB	AS	PGUA	-	-		SAPA31 KWBC	FTPQ31 KWBC FTPA31 KWBC
JOHNSTON I. (United States)							
JOHNSTON I./Johnston Atoll	RS	PJON	-	-		SAPA31 KWBC	FTPA31 KWBC
KIRIBATI							
KIRITIMATI/Christmas I.	RS	PLCH	-	-		SAPA31 KWBC	FTPA31 KWBC

Name Of the aerodrome	Use	ICAO Loc.ind.	ROBEX SA bulletin	ROBEX FT bulletin	RODB	GTS SA Bulletin	GTS FT Bulletin
TARAWA/Bonriki Intl	RS	NGTA	-	-			FTPA32 KWBC
MARSHALL ISLANDS							
MAJURO ATOLL/Marshall I. Intl	RS	PKMJ	-	-		SAPA31 PHFO	FTPA31 KWBC
<i>KWAJALEIN ATOLL/BUCHOLZ AAF, KIRIBATI</i>		PKWA				<i>SAPA31 KWBC</i>	<i>FTPA31 KWBC</i>
MICRONESIA, FEDERATED STATES OF							
KOSRAE I.		PTSA				SAPA31 KWBC	FTPA31 KWBC
MOEN/Truk Intl	RS	PTKK	-	-		SAPA31 KWBC	FTPA31 KWBC FTPQ31 PGUM
PONAPE I./Ponape	RS	PTPN	-	-		SAPA31 KWBC	FTPA31KW BC FTPQ31 PGUM
YAP I./Yap Intl	RS	PTYA	-	-		SAPA31 KWBC	FTPA31 KWBC FTPQ31 PGUM
NAURU							
NAURU I./Nauru	RS	ANAU	-	-		SAPA31 KWBC	FTPA31 KWBC

Name Of the aerodrome	Use	ICAO Loc.ind.	ROBEX SA bulletin	ROBEX FT bulletin	RODB	GTS SA Bulletin	GTS FT Bulletin
NEW CALEDONIA (France)							
NOUMEA/La Tontouta	RS	NWWW	-	FTPS31 NFFN	NADI	SANC20 NWBB	FTPA32 KWBC
							FTNC20 NWCC FCNC20 NWCC
NEW ZEALAND							
AUCKLAND/Auckland Intl	RS	NZAA	SANZ31 NZKL	FTNZ31 NZKL	BRISBANE	SAPA01 EGGY	
CHRISTCHURCH/Christchurch Intl	RS	NZCH	SANZ31 NZKL	FTNZ31 NZKL	BRISBANE	SAPA01 EGGY	
WELLINGTON/Wellington Intl	RS	NZWN	SANZ31 NZKL	FTNZ31 NZKL	BRISBANE	SAPA01 EGGY	
NIUE (New Zealand)							
ALOFI/Niue Intl	RS	NIUE	-	-			FCPS31 NFFN
NORTHERN MARIANA ISLANDS (United States)							
ROTA/Rota Intl	RS	PGRO	-	-		SAPA31 KWBC	FTPA31 KWBC FTPQ31 PGUM
SAIPAN I. (OBYAN)/Saipan I. (Obyan) Intl	RS	PGSN	-	-		SAPA31 KWBC	FTPA31 KWBC FTPQ31 PGUM

Name Of the aerodrome	Use	ICAO Loc.ind.	ROBEX SA bulletin	ROBEX FT bulletin	RODB	GTS SA Bulletin	GTS FT Bulletin
PALAU							
KOROR/Koror	RS	PTRO	-	-		SAPA31 KWBC	FTPA31 KWBC FTPQ31 PGUM
PAPUA NEW GUINEA							
DARU		AYDU					
GOROKA		AYGA					
KIETA/Kieta	RS	AYKT	-	-			
MADANG		AYMD					
MOMOTE		AYMO					SANG31 AMMC
MOUNT HAGEN		AYMH					
NADZAB		AYNZ					
PORT MORESBY/Jacksons	RS	AYPY	SAPW31 AYPY	FTAU32 YBBN		SAPA31 KWBC	FTNG31 AMMC FTPA31 KWBC
VANIMO/Vanimo	RS	AYVN					
WEWAK		AYWK					
SAMOA							
APIA/Faleolo Intl	RS	NSAP	-	-		SAPA32 KWBC	FTPA32 KWBC

Name Of the aerodrome	Use	ICAO Loc.ind.	ROBEX SA bulletin	ROBEX FT bulletin	RODB	GTS SA Bulletin	GTS FT Bulletin
SOLOMON ISLANDS							
HONIARA/Henderson	RS	AGGH	-	-		SAPA31 KWBC	FTPA31 KWBC
TIMOR							
DILI		WPDL					SATE31 AMMC
TONGA							
TONGATAPU/Fua'amotu Intl	RS	NFTF	-	-			FTPA32 KWBC FCPS31 NFFN
VAVA'U/Vava'u	RS	NFTV	-	-			
TUVALU							
FUNAFUTI/Funafuti Intl	RS	NGFU	-	-			FTPA32 KWBC
VANUATU							
PORT-VILA/Bauerfield	RS	NVVV	-	-			FTPA32 KWBC
SANTO/Pekoa	RS	NVSS	-	-			

Name Of the aerodrome	Use	ICAO Loc.ind.	ROBEX SA bulletin	ROBEX FT bulletin	RODB	GTS SA Bulletin	GTS FT Bulletin
WALLIS ISLANDS (France)							
WALLIS/Hififo	RS	NLWW	-	-			FTPA32 KWBC FCPS31 NFFN

NOTE:

BOLD ITALICS – additional SADIS User Guide Annex 1 aerodromes not listed on AOP tables.

OPMET Management Task Force**ICAO****Rapporteur OPMET/M TF**

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Subject: Follow-up of the Action Item from OPMET/M TF/2 Meeting-
Survey of availability of METAR and TAF from Pacific States.

Action required: Please reply not later than 25 February 2005

Sir/Madam,

I have the honour to refer to the Second Meeting of ASIA/PAC OPMET Management Task Force (OPMET/M TF/2) of CNS/MET Sub-Group of APANPIRG) held in Bangkok, 10-13 February 2004 and, in particular to Agenda Item 2 the review of the current status of OPMET exchange in the Region.

The meeting noted in particular the shortfalls of OPMET data from the Pacific region. It was felt that more information regarding the current situation with the OPMET exchange in the Pacific was needed. The meeting agreed that a study, under the direction of the rapporteur of the Task Force, should be carried out on the availability of OPMET data from the Pacific Region and the corresponding arrangements for the preparation and dissemination of this information.

As the first stage to rectifying the shortfalls of OPMET data for the Pacific region, States are requested to complete the short questionnaire to where SA (METAR) and FT (TAF) bulletins, generated by the States, are transmitted and hours of providing METAR and TAF. To aid States determine which bulletins are not being received via AFTN, I have attached a copy of Appendix C, ROBEX COLLECTION AND DISSEMINATION OF TAF AND METAR vs FASID TABLE MET 1A, of the ROBEX Handbook 12th Edition 2004.

Once responses have been collated, the OPMET/M TF will then advise States of any correction to addressing of bulletins, this will be followed later with a test day by all Regional OPMET Data Banks to optimise the exchange schemes.

Accept, Sir/Madam, the assurances of my highest consideration.

Rick Houghton
Rapporteur OPMET/M TF

Enclosures:

Appendix C – Robex Handbook 12th Edition 2004
Questionnaire – OPMET bulletins

Please complete the tables below and return by February 25th 2005 if possible to;

Explanation of table 1 & 2

Table 1, covers bulletins sent by the Aeronautical Fixed Telecommunications Network (AFTN)
Table 2, covers bulletins sent by the Global Telecommunication Network (GTS)

1. Bulletins sent via AFTN

[illegible]

2. Bulletins sent by GTS

[illegible]

Explanation of Table 3

Col 1: State where aerodrome located

Col 2: Name of the aerodrome

Col 3: ICAO location indicator

Col 4: Hours of issuing METAR for aerodrome in UTC

Col 5: Frequency of issuing METAR (i.e. hourly on the hour or half hour, half hourly)

Table 3. Availability of aerodrome METARs[illegible]

Explanation of Table 4

Col 1: State where aerodrome located

Col 2: Name of the aerodrome

Col 3: ICAO location indicator

Col 4: Hours of issuing TAF for aerodrome in UTC

Col 5: TAF Validity times in UTC (i.e 0024, 0606, 1212, 1818)

Table 4. Availability of aerodrome TAFs

State	Name of the Aerodrome	ICAO location indicator	TAF hours of issue	TAF Validity times

Please include the email address of a contact officer within your State, if available:
