



International Civil Aviation Organization

Eight Meeting of the Communications/Navigation/Surveillance and Meteorology Sub-Group (CNS/MET SG/8) of APANPIRG

Bangkok, Thailand, 12-16 July 2004

Agenda Item 9: Exchange of OPMET Information

THE ASIA/PAC OPMET DATA AVAILABILITY

(Presented by Singapore)

SUMMARY

This paper presents statistics on the regular outgoing ASIA/PAC OPMET traffic from Singapore. The availability of long TAF, METAR and SIGMET bulletins are analysed.

1. INTRODUCTION

1.1 Under the discussion on SADIS Strategic Assessment Tables in CNS/MET 2003, it was proposed that an estimate of the volume of the OPMET information generated by ASIA/PAC States be carried out at the Inter-regional OPMET gateway (IROG) between ASIA/PAC and EUR regions. The estimates could then be examined together with OPMET statistics promulgated on SADIS to provide a better view of the data flow. This paper reports on the monitoring effort on the regular outgoing OPMET data from IROG, Singapore

2. Long TAF and METAR availability

2.1 The first week of May (1-7 May 2004) was chosen for the monitoring of Long TAF and METAR bulletins. There were 4681 TAF and 31572 METAR reports received during the week. These reports amounted to 92% and 93% of the full complement according to the reporting schedule in the ROBEX Handbook.

2.2 The availability indices (number of reports received/number of reports expected based on ROBEX Handbook) under various bulletin headers were calculated using data transmitted during the week (Fig 1.)

3. SIGMET availability

3.1 As SIGMET reports are filed ad hoc, availability indices similar to the above cannot be computed. Instead, the daily numbers of SIGMET reports and the MWOs issuing them for the month of May 2004 are presented as in Fig 2.

4. Discussion

4.1 It is noted that the data sample of just 1 week is rather small and may not be necessarily indicative of long-term performance a bulletin. It is also recognised that number of

SIGMET reports issued by an MWO varies significantly from month to month depending on the prevailing climate. As indicated on Table 1, SIGMET reports had been received from all 27 MWOs listed on ROBEX Handbook for the month of May, and between 12 and 18 different MWOs filed SIGMET reports each day.

5. Action by the Meeting

5.1 The meeting is invited to note and discuss the content.

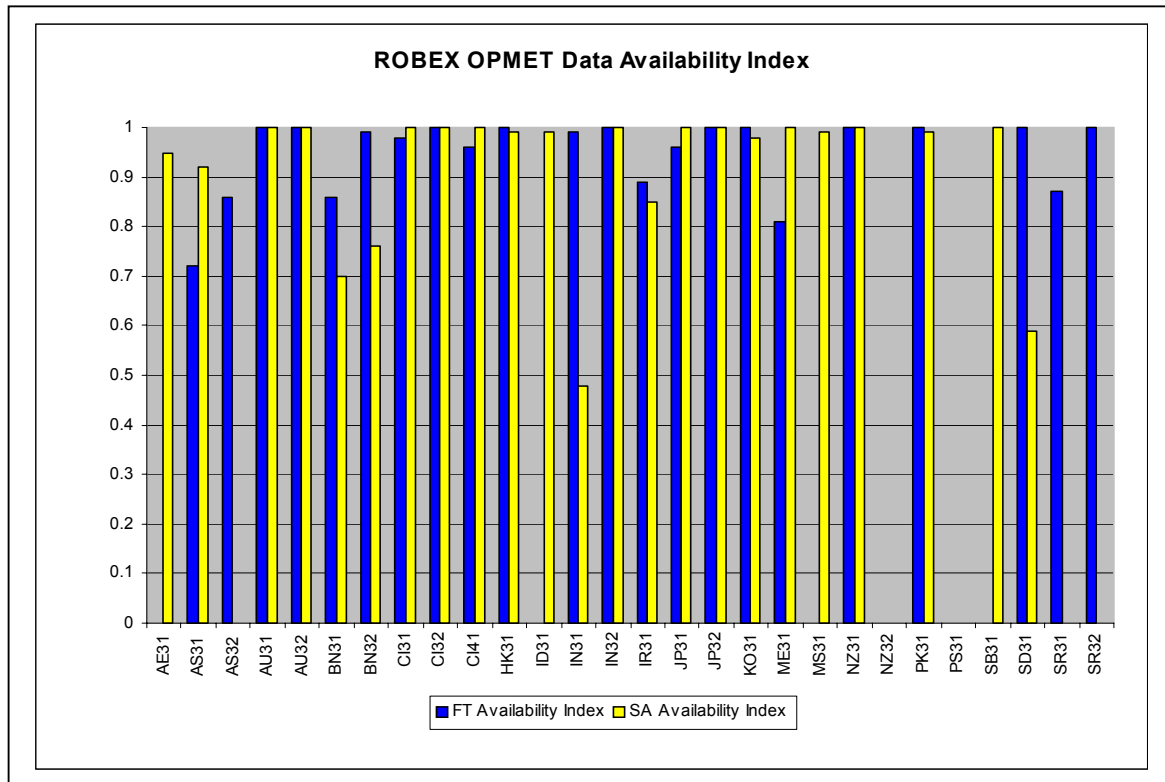


Fig 1 : (Top) TAF and METAR availability (data used 1-7 May 2004)

Table 1 : Number of SIGMET reports issued by MWOs

<i>MWO</i>	SIGMET Header	No of Msgs
AMHF	WSAU21	65
AMMC	WSAU21	165
AMRF	WSAU21	35
APRF	WSAU21	3
APRM	WSAU21	3
ASRF	WSAU21	27
NFFN	WSFJ01	41
NTAA	WSPF21	119
NZKL	WSNZ21	397
NZKL	WSPS21	305
RCTP	WSCI31	107
RJAA	WCJP31	15
RJAA	WSJP31	89
RJAA	WVJP31	14
RKSI	WSKO31	37
RPLL	WCPH30	12
VABB	WSIN90	26
VCBI	WSSB31	11
VGZR	WSBW20	207
VHHH	WSSS20	137
VIDP	WSIN90	245
VOMM	WSIN90	207
VVGL	WSVS31	228
WMKK	WSMS31	177
WSSS	WSSR20	115
ZGGG	WSCI35	77
ZJSY	WSCI35	68

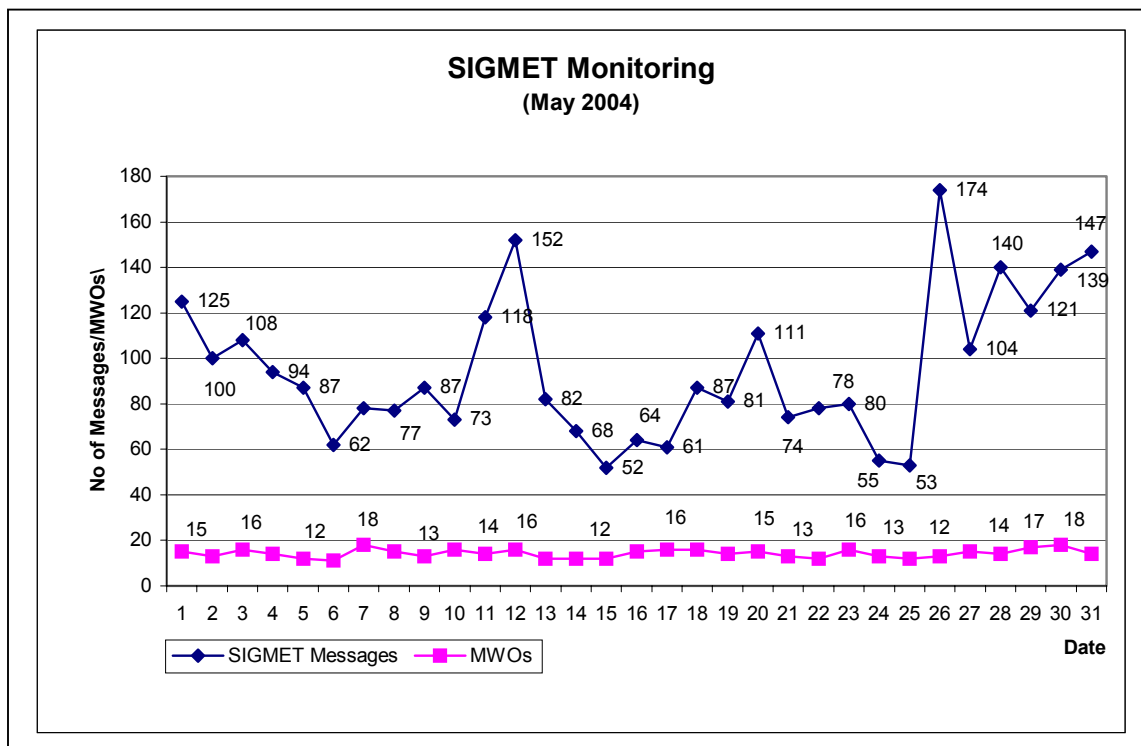


Fig 2 : Daily number of SIGMET reports and number of issuing MWOs (May 2004)