



**FIFTEENTH MEETING OF THE ASIA/PACIFIC METEOROLOGICAL
INFORMATION EXCHANGE WORKING GROUP
(MET/IE WG/15)**

Bangkok, Thailand, 20 – 22 March 2017

Agenda Item 2: SIGMET tests

PROGRESS WITH SIGMET TESTS – WC and WV

(Presented by Japan)

SUMMARY

This paper presents the results of the ASIA/PAC SIGMET tests conducted in November 2016 for TC and VA.

1. INTRODUCTION

1.1 The MET Divisional Meeting (2002) formulated Recommendation 1/12 b), Implementation of SIGMET requirements, which called, *inter alia*, for the relevant Planning and Implementation Regional Groups (PIRGs) to conduct periodic tests of the issuance and reception of SIGMET messages, especially those for volcanic ash.

1.2 At its 14th meeting, the ASIA/PACIFIC Meteorological Information Exchange Working Group (MET/IE WG) reviewed the results of SIGMET tests in the Asia/Pacific Region held in November 2015. At the meeting, it was decided that the WC, WV and WS SIGMET tests would be conducted on 2, 9 and 16 November 2016, respectively.

1.3 The Regional SIGMET tests were conducted on the following dates (month/date).

SIGMET for	2007	2008	2009		2010	2011	2012	2013	2014	2015	2016
WC	1/15	1/15	2/10	11/10	11/10	11/08	11/07	11/12	11/05	11/04	11/02
WV	1/22	1/22	2/17	11/17	11/17	11/15	11/14	11/19	11/12	11/11	11/09

2. DISCUSSION

2.1 In its State letter dated 13 October 2016 on the Schedule for SIGMET tests in the Asia/Pacific Region – November 2016, the ICAO Asia Pacific Regional Office notified the following schedule and the procedure of the regional SIGMET tests:

2 November 2016 – SIGMET test for tropical cyclone (WC SIGMET):

- WC SIGMET test message to be issued by participating MWOs immediately following receipt of the triggering tropical cyclone advisory (TCA) test messages issued by the associated TCACs at **0200 UTC*** or other time as specified below;

***Notes:**

- i. TCAC New Delhi will issue a TCA test message at **0200 UTC** for action by the associated MWOs in the APAC Region only, and a TCA test message at **0800 UTC** for action by the associated MWOs in the MID Region only;
- ii. TCAC La Réunion will issue a TCA test message at **0500 UTC** for action by the associated MWOs in the APEC Region only;
- iii. If no TCA test message is received at a participating MWO from its associated TCAC within 30 mins of the start of the test (i.e., within 30 mins of the time indicated for the associated TCAC to issue the TCA test message), the MWO should still issue a WC SIGMET test message advising no TCA test message received;

9 November 2016 - SIGMET test for volcanic ash (WV SIGMET):

- WV SIGMET test message to be issued by participating MWOs immediately following receipt of the triggering volcanic ash advisory (VAA) test messages issued by the associated VAACs at **0200 UTC†**;

†Note: If no VAA test message is received at a participating MWO from its associated VAAC by 0230 UTC, the MWO should still issue a WV SIGMET test message advising no VAA test message received;

16 November 2016 – SIGMET test for weather and phenomena other than tropical cyclone and volcanic ash (WS SIGMET):

- WS SIGMET test message to be issued by participating MWOs during the 10-min period from **0200 to 0210 UTC**.

3. TEST RESULT AND ANALYSIS

3.1 Three RODBs, like Bangkok, Brisbane and Singapore sent the summary of bulletins received during the tests to Tokyo, the rapporteur. The combined information on the reception of the bulletins during the test for each TC and VA is shown in the Appendix 1 and 2, respectively. In this paper, the overall availability is represented by the rate of test bulletins received at least at one RODB(s) over all those expected to be reported.

3.2 Summary of WC SIGMET test

3.2.1 The total number of WC test bulletins expected to be reported during the test from ASIA/PAC States was 48 and that received during the test was 29. The overall availability of WC test bulletins from ASIA/PAC States was 60.4%, which was less than that of 2015 (63.0%). Table 1 and Figure 1 show the availability of WC test bulletins at each RODB and the total since 2009.

	2009	2010	2011	2012	2013	2014	2015	2016
Bangkok	71.0%	53.0%	57.0%	61.0%	58.7%	71.7%	58.7%	58.3%
Brisbane	76.0%	57.0%	57.0%	70.0%	67.4%	76.1%	54.3%	47.9%
Nadi					58.7%			
Singapore	82.0%	63.0%	63.0%	70.0%	63.0%	80.4%	58.7%	60.4%
Tokyo	76.0%	63.0%	52.0%	67.0%	60.9%	67.4%	56.5%	58.3%
Total					71.7%	82.6%	63.0%	60.4%

Table 1: Availability of the WC SIGMET test

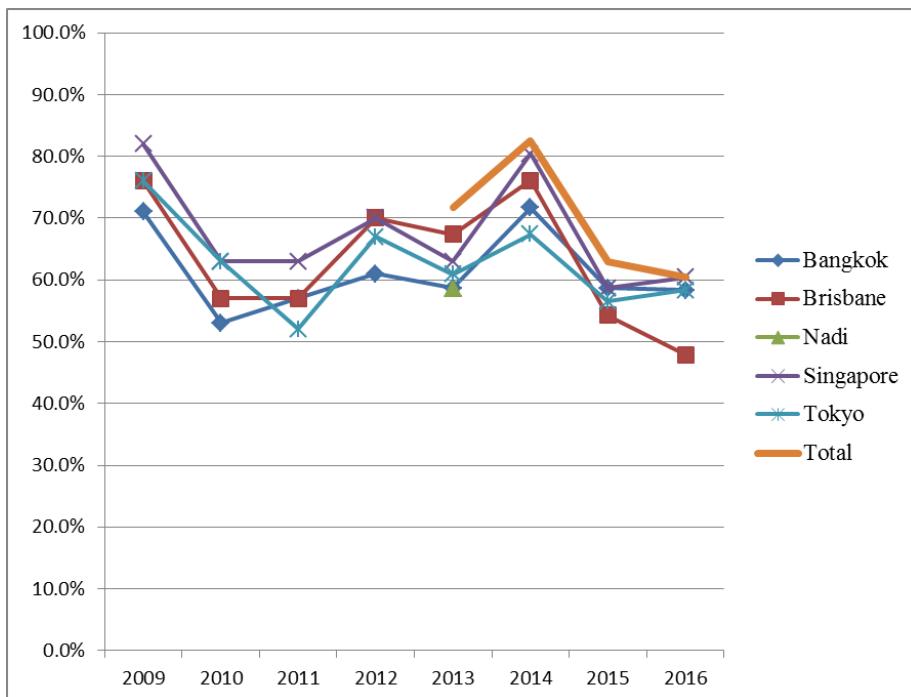


Figure 1: Availability of the WC SIGMET test

3.2.2 TCAC La Réunion could not issue a TCA test message at 0500 UTC. There was no WC test bulletin in Australia because of a system error during the test.

3.2.3 Table 2 shows WC test bulletins which were not issued during the test period.

State	MWO	TTAAii	CCCC	FIR
AUSTRALIA	BRISBANE	WCAU01	ABRF	YBBB, YMMM
	DARWIN	WCAU01	ADRM	YBBB, YMMM

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	PERTH	WCAU01	APRF	YBBB, YMMM
CHINA	TAIBEI	WCCI31	RCTP	RCAA
DPR KOREA	SUNAN	WCKR31	ZKPY	ZKKP
FRENCH POLYNESIA	TAHITI	WCPF21	NTAA	NTTT
INDONESIA	MAKASSAR	WCID21	WAAA	WAAZ
NAURU	NAURU	WCNW20	ANYN	ANAU
NEW ZEALAND	WELLINGTON	WCNZ21	NZKL	NZZC
PAKISTAN	KARACHI	WCPK31	OPKC	OPKR
PAPUA NEW GUINEA	PORT MORESBY	WCNG20	AYPY	AYPY
PHILIPPINES	MANILA	WCPH31	RPLL	RPHI
SOLOMON ISLANDS	HONIARA	WCSO20	AGGH	AGGG
UNITED STATES	ANCHORAGE	WCAK01-09	PAWU	PAZA
	KANSAS CITY	WCNT01-13	KKCI	KZNY, KZMA, KZHU, TJZU
		WCPN01-13	KKCI	KZAK

Table 2: WC test bulletins not issued in 2016

3.2.4 Formatting errors in the WC SIGMET test are shown in Table 3.

State (MWO)	Type of Error	Content
FIJI (NADI)	Incorrect YYGGgg (DTG)	FF RJAAYMYX RJTDYPYX 020207 NFFNYMYX WCFJ01 NFFN 020000 NFFF SIGMET Z99 VALID 020210/020215 NFFN- NFFF NADI FIR THIS IS A TEST SIGMET, PLEASE DISREGARD. TEST TC ADVISORY NUMBER 01 RECEIVED FM NADI TCAC AT 020203Z=
MYANMAR (YANGON)	Incorrect FIR Incorrect Sequence NO (A01 corrected in 020215)	FF RJTDYPYX 020203 VYYYYMYX WCBM31 VYYY 020203 VYYF SIGMET A01 VALID 020200/020800 VYYY- VYYF YANGON FIR THIS IS A TEST SIGMET PLEASE DISREGARD. TEST TC ADVISORY NUMBER 1 RECEIVED AT 020200Z=
SRI LANKA (COLOMBO)	Incorrect FIR	FF RJTDYPYX 020212 VCBYIMYX WCSB31 VCBI 020200 VCCF SIGMET Z99 VALID 020200/020210 VCBI- VCCF COLOMBO FIR THIS IS A TEST SIGMET PLEASE DISREGARD TEST TC ADVISORY NUMBER 01 RECIEVED FM NEW DLHI TCAC AT 020200=

INDONESIA (JAKARTA)	Incorrect First line	FF RJTDYPYX 020206 WIIYMYX WCID20 WIII 020205 WIIZ SIGMET Z99 VALID 020205/020215 WIII (<u>no hyphen</u>) WIIZ JAKARTA FIR THIS IS A TEST SIGMET PLEASE DISREGARD. TEST TC ADVISORY NUMBER 2016/01 RECEIVED FM DARWIN TCAC AT 020205Z=
MALAYSIA (KUALA LUMPUR)	Incorrect First line	FF RJTDYPYX 020206 WMKKYMYX WCMS31 WMKK 020205 WBFC SIGMET Z99 VALID 020205/020215 WMKK (<u>no hyphen</u>) WBFC KOTA KINABALU FIR THIS IS A TEST SIGMET PLEASE DISREGARD. TEST TC ADVISORY NUMBER 01 RECEIVED FM NEW DELHI TCAC AT 020200Z=
REPUBLIC OF KOREA (INCHON)	Incorrect First line	FF RJTDYPYX 020205 RKSIYPYX WCKO31 Rksi 020205 (<u>no First line</u>) THIS IS A TEST SIGMET, PLEASE DISREGARD TEST TC ADVISORY NUMBER 01 RECEIVED AT 020200Z

Table 3: Formatting errors in the WC SIGMET test

3.3 Summary of WV SIGMET test

3.3.1 The total number of WV test bulletins expected to be reported during the test from ASIA/PAC States was 51. In addition, RODB Tokyo relayed 5 Russian WV SIGMETs (UELL, UIII, UHHH, UHMM and UHPP). Therefore the total number of WV test bulletins expected to be reported during the WV SIGMET test was 56. The total number of WV test bulletins received during the test from ASIA/PAC and from Russia was 41 and 5, respectively. The availability in the ASIA/PAC region was 82.5% which was higher than that of the test in 2015 (77.6%). Table 4 and Figure 2 show the availability of WV test bulletins at each RODB and the total since 2009.

	2009	2010	2011	2012	2013	2014	2015	2016
Bangkok	70.0%	55.0%	64.0%	56.0%	55.2%	69.0%	55.2%	73.2%
Brisbane	70.0%	59.0%	64.0%	67.0%	56.9%	69.0%	65.5%	71.4%
Nadi					55.2%			
Singapore	86.0%	64.0%	72.0%	72.0%	62.1%	82.8%	74.1%	80.4%
Tokyo	81.0%	64.0%	67.0%	57.0%	58.6%	79.3%	72.4%	73.2%
Total					65.5%	84.5%	77.6%	82.5%

Table 5: Availability of the WV SIGMET test

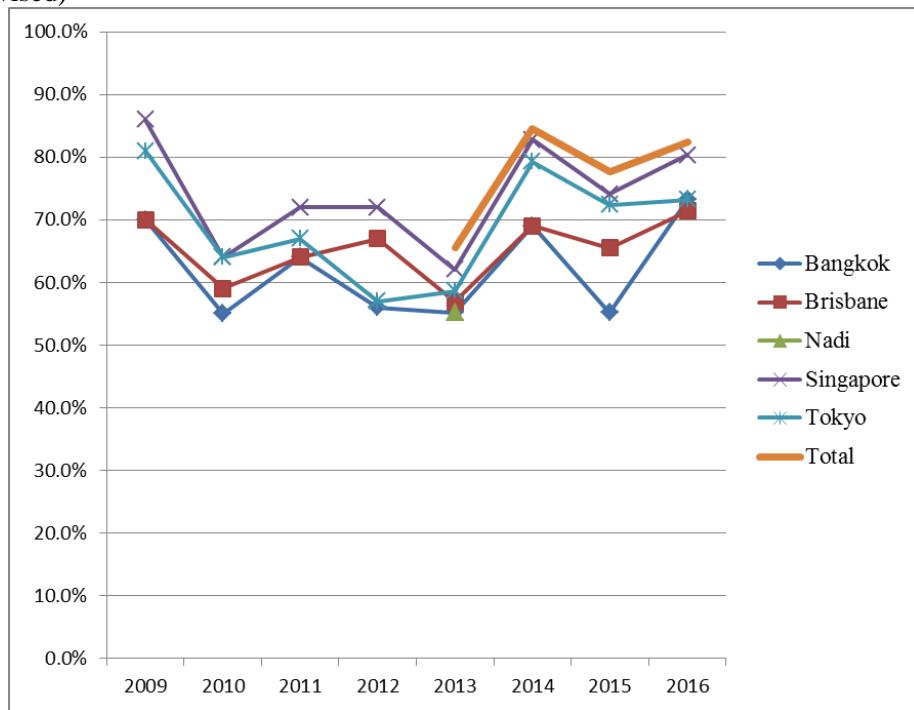


Figure 2: Availability of the WV SIGMET test

3.3.2

Table 5 shows WV test bulletins which were not issued during the test period.

State	MWO	TTAAii	CCCC	FIR
AFGHANISTAN	KABUL	WVAH31	OAKB	OAKX
CHINA	TAIBEI	WVCI31	RCTP	RCAA
DPR KOREA	SUNAN	WVKR31	ZKPY	ZKKP
FRENCH POLYNESIA	TAHITI	WVPF21,22	NTAA	NTTT
MYANMAR	YANGON	WVBM31	VYYY	VYYY
NAURU	NAURU	WVNW20	ANYN	ANAU
NEPAL	KATHMANDU	WVNP31	VNKT	VNSM
PAKISTAN	LAHORE	WVPK31	OPLA	OPLR
PAPUA NEW GUINEA	PORT MORESBY	WVNG20	AYPY	AYPY
UNITED STATES	KANSAS CITY	WVNT01-13	KKCI	KZNY, KZMA, KZHU, TJZU

Table 5: WV test bulletins not issued in 2016

3.3.3

Formatting errors in the WV SIGMET test are shown in Table 6.

State (MWO)	Type of Error	Content
FIJI (NADI)	Incorrect YYGGgg (DTG)	FF RJAAYMYX RJTDYPYX 090202 NFFFNYMYX WVFJ01 NFFN 090000 NNFF SIGMET Z99 VALID 090205/090210 NFFN- NNFF NADI FIR THIS IS A TEST SIGMET, PLEASE DISREGARD. TEST VA ADVISORY NUMBER 2016/3 RECEIVED FM WELLINGTON VAAC AT 090200Z=
MALAYSIA (KUALA LUMPUR)	Incorrect MWO	FF RJTDYPYX 090205 WMKKYMYX WVMS31 WMKK 090206 WBFC SIGMET Z99 VALID 090207/090217 WBKK - WBFC KOTA KINABALU FIR THIS IS A TEST SIGMET, PLEASE DISREGARD. TEST VA ADVISORY NUMBER 2016/2 RECEIVED FM DARWIN VAAC AT 090200Z=
MALDIVES (MALE)	Incorrect WMO Header	FF RJTDYPYX 090204 VRMMYMYX WCMV31 VRMM 090200 VRMF SIGMET Z99 VALID 090200/090210 VRMM- VRMF MALE' FIR THIS IS A TEST SIGMET, PLEASE DISREGARD. TEST VA ADVISORY 1 RECEIVED FM DARWIN VAAC AT 090201Z=
SRI LANKA (COLOMBO)	Incorrect WMO Header Incorrect FIR	FF RJTDYPYX 090242 VCBYIMYX WSSB31 VCB 090235 VCCF SIGMET Z99 VALID 090235/090245 VCBI- VCCF COLOMBO FIR THIS IS A TEST SIGMET, PLEASE DISREGARD. TEST VA ADVIDORY NOT RECEIVED FM DRAWIN VAAC=

Table 6: Formatting errors in the WV SIGMET test

3.4 Results of the ASIA/PAC SIGMET tests in the EUR region

3.4.1 The Regional OPMET Centre (ROC) Vienna provided the results of the reception in ROC Vienna, Toulouse and RODB Brussels. Reception time of WC and WV test bulletins was taken in Appendix 1 and 2. The overall availability of the WC test bulletins from ASIA/PAC States only received by AFTN/AMHS was 50.0% and that of WV was 60.7%.

3.4.2 It was pointed out that WCAU01 ABRF, WCAU01 APRF, WCMV31 VRMM, WVAU01 ADRM, WVKO31 Rksi and Fkin20 DEMS were not received by AFTN/AMHS.

3.4.3 It was requested to cease non agreed routing distribution of the following bulletins because they are already received by IROG London from IROG Singapore.

- FVAU03 ADRM sent from YMMCYMYX to LOWMYBYX
- FVFE01 RJTD sent from RJTDYMYX to LFPWYMYX
- WVIN31 VAAB sent from VABBMYMYX to LOWMYBYX

3.5 Overall summary of the SIGMET tests

3.5.1 The availability of WC test bulletins was slightly lower than in the test in 2015, while that of WV test bulletins was higher than in the test in 2015. The total number of WC test bulletins which were not received in 2016 was 19, increasing from 8 in 2015.

3.5.2 Both in the WC and WV SIGMET test, there were still incorrect use of the priority and the WMO header in those bulletins amongst participating States, but they were fewer than that of 2015.

3.5.3 Some of WC and WV test bulletins in ASIA/PAC region were received from OEJDYMYX, Jeddah in Saudi Arabia with the priority ‘GG’ converted from the original priority ‘FF’. It caused duplicate transmission with an incorrect priority. Tokyo transmitted WV test bulletins from Russia with the priority ‘GG’ converted from the original priority ‘FF’.

3.5.4 Some of WC and WV test bulletins were not received by all RODBs in ASIA/PAC region. Participating States should send the test message to all RODBs and WAFCs.

4. ACTION REQUIRED BY THE MEETING

4.1 The meeting is invited to:

- a) note the result of the SIGMET tests presented above;
 - b) discuss on the future importance of the SIGMET exchange in the region; and
 - c) discuss, if necessary, revision of the test procedure.
-

Appendix 1: Summary of WC SIGMET test

Appendix 2: Summary of WV SIGMET test

MWO details in APAC Regional SIGMET TEST Procedures 2016 / SIGMET Guide						Test Result												
State	MWO name	MWO	TTAAii	CCCC	FIR	PI	TTAAii	CCCC	YYGGgg	MWO	FIR	Received Time(UTC)					Remarks	
												VTBB	WSSS	YBBB	RJTD	EUR		
AFGHANISTAN	KABUL	OAKB	WVAH31	OAKB	OAKX													
AUSTRALIA	DARWIN	YPDM	WVAU01	ADRM	YMMM	FF	WVAU01	ADRM	090220	YMMC	YMMM	2:20	2:19	2:21	2:19			
					YBBB	FF	WVAU01	ADRM	090220	YMMC	YBBB	2:21	2:21	2:23	2:21			
BANGLADESH	DHAKA	VGHS	WVBW20	VGHS	VGFR	FF	WVBW20	VGHS	090205/0230	VGHS	VGFR	2:05/2:30	2:05	2:07/2:31	2:05/2:30	2:05/2:30	Tokyo VAAC/New Delhi VAAC	
CAMBODIA	PHNOM PENH	ZUUU	WVKP31	ZUUU	VDPP	FF	WVKP31	ZUUU	090205	ZUUU	VDPP	2:06	2:06	2:07	2:06	2:06		
CHINA	BEIJING	ZBAA	WVCI33	ZBAA	ZBPE	FF	WVCI33	ZBAA	090205	ZBAA	ZBPE	2:05	2:05	2:06	2:05	2:05		
	CHENGDU	ZUUU	WVCI36	ZUUU	ZPKM	FF	WVCI36	ZUUU	090202	ZUUU	ZPKM	2:05	2:05	2:06	2:05	2:05		
	GUANGZHOU	ZGGG	WVCI35	ZGGG	ZGZU	FF	WVCI35	ZGGG	090205	ZGGG	ZGZU	2:02	2:02	2:04	2:02	2:02		
	HAIKOU	ZJHK	WVCI35	ZJHK	ZJSA	FF	WVCI35	ZJHK	090210/0220	ZJHK	ZJSA	2:11/2:22	2:11/2:22	2:13/2:24	2:11/2:22	2:11/2:22	Tokyo VAAC/Anchorage VAAC	
	HONG KONG	VHHH	WVSS20	VHHH	VHHK	FF	WVSS20	VHHH	090202	VHHH	VHHK	2:02	2:02	2:03	2:02	2:02		
	SHANGHAI	ZSSS	WVCI34	ZSSS	ZSHA	FF	WVCI34	ZSSS	090205	ZSSS	ZSHA	2:06	2:06	2:07	2:06	2:06		
	SHENYANG	ZYTX	WVCI38	ZYTX	ZYSH	FF	WVCI38	ZYTX	090156	ZYTX	ZYSH	2:08	2:07	2:09	2:07	2:07		
	TAIBEI	RCTP	WVCI31	RCTP	RCAA													
	URUMQI	ZWWW	WVCI39	ZWWW	ZWUQ	FF	WVCI39	ZWWW	090205/0230	ZWWW	ZWUQ	2:10/2:33	2:10/2:33	2:11/2:34	2:10/2:33	2:10/2:33	Tokyo VAAC/Toulouse VAAC	
	WUHAN	ZHHH	WVCI45	ZHHH	ZHWL	FF	WVCI45	ZHHH	090203	ZHHH	ZHWL	2:05	2:05	2:06		2:05		
	XTAN	ZLXY	WVCI37	ZLXY	ZLHW	FF	WVCI37	ZLXY	090210	ZLXY	ZLHW	2:12	2:12	2:13	2:12			
DPR KOREA	SUNAN	ZKPY	WVKR31	ZKPY	ZKKP													
FIJI	NADI	NFFN	WVFJ01,02	NFFN	NFFF	FF	WVFJ01	NFFN	090000	NFFN	NFFF	2:02	2:02		2:02	2:02	Incorrect YYGGgg	
FRENCH POLYNESIA	TAHITI	NTAA	WVPF21,22	NTAA	NTTT													
INDIA	CHENNAI	VOMM	WVIN31	VOMM	VOMF	FF	WVIN31	VOMM	090202	VOMM	VOMF	2:06	2:06	2:08	2:06	2:07		
	KOLKATA	VECC	WVIN31	VECC	VECF	FF	WVIN31	VECC	090235	VECC	VECF	2:29	2:31	2:29	2:30			
	MUMBAI	VABB	WVIN31	VABB	VABF	FF	WVIN31	VABB	090233	VABB	VABF	2:35	2:35	2:37	2:35			
	NEW DELHI	VIDP	WVIN31	VIDP	VIDF	FF	WVIN31	VIDP	090200	VIDP	VIDF	2:18	2:18	2:20	2:18			
INDONESIA	JAKARTA	WIII	WVID20	WIII	WIIZ	FF	WVID20	WIII	090200	WIII	WIIZ	2:07	2:07	2:08	2:07	2:07		
	MAKASSAR	WAAA	WVID21	WAAA	WAAS	FF	WVID21	WAAA	090205	WAAA	WAAS	2:04				2:05		
JAPAN	TOKYO	RJTD	WVJP31	RJTD	RJJ	FF	WVJP31	RJTD	090205	RJTD	RJJ	2:05	2:05	2:06	2:05	2:05		
LAO PDR	VIENTIANE	VLVT	WVLA31	VLVT	VLVT	FF	WVLA31	VLVT	090205	VLVT	VLVT	2:08	2:07	2:09	2:07	2:08		
MALAYSIA	KUALA LUMPUR	WMKK	WVMS31	WMKK	WMFC	FF	WVMS31	WMKK	090202	WMKK	WMFC	2:04	2:05	2:06	2:05	2:05		
MALDIVES		MALE	VRMM	VRMV31	VRMM	VRMF	FF	WCMV31	VRMM	090200	VRMM	VRMF	2:11	2:11	2:27	2:11		Using WC
MONGOLIA	ULAANBAATAR	ZMUB	WVMO31	ZMUB	ZMUB	FF	WVMO31	ZMUB	090200	ZMUB	ZMUB		2:10			2:00		
MYANMAR	YANGON	VYYY	WVBM31	VYYY	VYYY													
NAURU	NAURU	ANYN	WVNW20	ANYN	ANAU													
NEPAL	KATHMANDU	VNKT	WVNP31	VNKT	VNSM													
NEW ZEALAND	WELLINGTON	NZKL	WVNZ21	NZKL	NZZC	FF	WVNZ21	NZKL	090200	NZKL	NZZC	2:01	2:01	2:02	2:01	2:01		
		NZKL	WVPS21	NZKL	NZZO	FF	WVPS21	NZKL	090201	NZKL	NZZO	2:02	2:02	2:03	2:02	2:02		
PAKISTAN	KARACHI	OPKC	WVPK31	OPKC	OPKR	GG	WVPK31	OPKC	090205	OPKC	OPKR	2:15	2:15	2:17	2:15		Incorrect Priority	
	LAHORE	OPLA	WVPK31	OPLA	OPLR													
PAPUA NEW GUINEA	PORT MORESBY	AYPY	WVNG20	AYPY	AYPY													
PHILIPPINES	MANILA	RPLL	WVPH31	RPLL	RPHI	FF	WVPH31	RPLL	090202/0203	RPLL	RPHI	2:29/2:29	2:09/2:09	2:26/2:26	2:02/2:03	2:03/2:03	Tokyo VAAC/Darwin VAAC	
REPUBLIC OF KOREA	INCHEON	RKSI	WVKO31	RKSI	RKRR	FF	WVKO31	RKSI	090205	RKSI	RKRR	2:23	2:23	2:25	2:23			
SINGAPORE	SHINGAPORE	WSSS	WVSR20	WSSS	WSJC	FF	WVSR20	WSSS	090205	WSSS	WSJC	2:05	2:05	2:06	2:05	2:05		
SOLOMON ISLANDS	HONIARA	AGGH	WVSO20	AGGH	AGGG	FF	WVSO20	AGGH	090205	AGGH	AGGG	2:30	2:30	2:34	2:30			
SRI LANKA	COLOMBO	VCBI	WVSB31	VCBI	VCBI	FF	WSSB31	VCBI	090235	VCBI	VCCF	2:42	2:42	2:44	2:42	2:42	Using WS, Incorrect FIR	
THAILAND	BANGKOK	VTBS	WVTH31	VTBS	RUHB	FF	WVTH31	VTBS	090205/0210	VTBS	RUHB	2:08/2:10	2:07/2:10	2:09/2:12	2:07/2:10	2:07/2:10	Tokyo VAAC/Darwin VAAC	
VIET NAM	GIA LAM	VVGL	WVVS31	VVGL	VVNB	FF	WVVS31	VVGL	090204/0208	VVGL	VVNB	2:04/2:09	2:04/2:09	2:06/2:10	2:04/2:09	2:05/2:08	Tokyo VAAC/Darwin VAAC	
UNITED STATES	HONOLULU	PHFO	WVPA01-13	PHFO	KZAK	FF	WVPA01	PHFO	090200	PHFO	KZAK		2:03					
	ANCHORAGE	PAWU	WVAK01-09	PAWU	PAZA	FF	WVAK05	PAWU	090204	PAWU	PAZA		2:09					
	KANSAS CITY	KKCI	WVNT01-13	KKCI	KZNY,KZMA,KZHU,TIZU													
		KKCI	WVPN01-13	KKCI	KZAK	FF	WVPN01	KKCI	090200	KKCI	KZAK	2:12						
RUSSIAN FEDERATION	CHULMAN	UELL	WVRA32	RUYK	UEL	GG	WVRA32	RUYK	090205	UELL	UEL	2:03	2:02	2:04	2:25	2:03	Incorrect Priority	
	IRKUTSK	UIII	WVRA31	RUIR	UIII	GG	WVRA31	RUIR	090200	UIII	UIII	2:02	2:02	2:03	2:25	2:03	Incorrect Priority	
	KHABAROVSK/NOVY	UHHH	WVRA31	RUHB	UHHH	FF	WVRA31	RUHB	090202	UHHH	UHHH	2:03	2:03	2:05	2:03	2:04		
	MAGADAN/SOKOL	UHMM	WVRA31	RUMG	UHMM	GG	WVRA31	RUMG	090203	UHMM	UHMM	2:04	2:04	2:06	2:25	2:05	Incorrect Priority	
	PETROPAVLOVSK-KAMCHATSKY	UHPP	WVRA31	RUPK	UHPP	FF	WVRA31	RUPK	090203	UHPP	UHPP	2:04	2:03	2:05	2:04	2:04		
UNITED ARAB EMIRATES	ABU DHABI	OMAA	WVAE20	OMAA	OMAE	FF	WVAE20	OMAA	090230	OMAA	OMAE	2:30	2:30	2:32	2:30	2:30		
OMAN	MUSCAT	OOMS	WVOM20	OOMS	OOMM	GG	WVOM20	OOMS	090230	OOMS	OOMM	3:24	3:20	3:22	3:20		Incorrect Priority	
KUWAIT	KUWAIT	OKBK	WVKW10	OKBK	OKAC	GG	WVKW10	OKBK	090350	OKBK	OKBK	4:02			4:02	4:02	Incorrect Priority, Incorrect FIR	