International Civil Aviation Organization

NINTH MEETING OF THE ASIA/PACIFIC OPMET MANAGEMENT TASK FORCE (OPMET/M TF/9)

Bangkok, Thailand, 21 – 23 March 2011

Agenda Item 2: Review

c) Inter-Regional Exchange and New Requirements of OPMET Information

– Harmonization of OPMET Data on SADIS and ISCS

TIME DIFFERENCES IN WAFS OPMET TRANSMISSION

(Presented by RODB Tokyo and Singapore)

SUMMARY

This paper informs the meeting a special test was carried out on 9 February 2011 to verify the time differences on the OPMET uplinks to SADIS and ISCS.

1. INTRODUCTION

1.1 With reference to Conclusion C21/49 Section (e) related to OPMET issues by the APANPIRG/21 Meeting last year, RODB Tokyo and Singapore were tasked to investigate the differences in SADIS and ISCS uplink times.

1.2 Both RODBs agreed to carry out a special test to compare the transmission time of OPMET data distributed to SADIS and ISCS on 9 February 2011.

2. DATA ANALYSIS

2.1 The worksheet below summarized the transit time for distributing selected ASIA/PAC OPMET bulletins to SADIS and ISCS during the test:

Date: 9 Feb 2011			Singapore IROG		Tokyo IROG	
			Rx from ROBEX BCC	Routed to EGZZMASI	Rx from ROBEX BCC	Routed to KWBCYMYX
SAAE31	VTBB	090300	03:07:06	03:07:07	03:07:13	03:07:14
SAAE31	VTBB	090400	04:07:02	04:07:03	04:07:18	04:07:18
SAAE31	VTBB	090400 RRA	04:17:13	04:17:13	04:17:12	04:17:12
SAAE31	VTBB	090500	05:07:44	05:07:44	05:07:43	05:07:43
SAAE31	VTBB	090500 RRA	05:11:06	05:11:06	05:11:05	05:11:05
SAAE31	VTBB	090500 RRB	05:17:15	05:17:15	05:17:17	05:17:17
SAAE31	VTBB	090500 RRC	05:33:44	05:33:44	05:33:24	05:33:24
SAAE31	VTBB	090500 RRD	05:41:04	05:41:05	05:41:27	05:41:27
SAAE31	VTBB	090600	06:07:12	06:07:13	06:07:22	06:07:22
SAAE31	VTBB	090600 RRA	06:08:49	06:08:49	06:08:42	06:08:42
SAAE31	VTBB	090600 RRB	06:09:42	06:09:42	06:09:38	06:09:38
SAAE31	VTBB	090600 RRC	06:11:07	06:11:07	06:10:58	06:10:58
SAAE31	VTBB	090600 RRD	06:12:38	06:12:38	06:12:38	06:12:38
SAAE31	VTBB	090600 RRE	06:15:25	06:15:25	06:15:27	06:15:27
SAAE31	VTBB	090600 RRF	06:22:07	06:22:07	06:22:13	06:22:13
SAAE31	VTBB	090600 RRG	06:22:52	06:22:52	06:22:52	06:22:52
SAAU31	YBBN	090300	03:10:18	03:10:19	03:05:56	03:05:56
SAAU31	YBBN	090400	04:10:19	04:10:20	04:07:36	04:07:36
SAAU31	YBBN	090500	05:10:13	05:10:14	05:06:22	05:06:22
SAAU31	YBBN	090600	06:10:10	06:10:12	06:06:06	06:06:06
SACI31	ZBBB	090300	03:05:51	03:05:51	03:05:31	03:05:31
SACI31	ZBBB	090400	04:05:27	04:05:27	04:05:16	04:05:16
SACI31	ZBBB	090500	05:05:34	05:05:35	05:05:18	05:05:18
SACI31	ZBBB	090600	06:05:28	06:05:29	06:05:17	06:05:17
SAHK31	VHHH	090300	03:02:36	03:02:37	03:02:20	03:02:20
SAHK31	VHHH	090400	04:10:24	04:10:25	04:10:05	04:10:05
SAHK31	VHHH	090500	05:10:22	05:10:22	05:10:10	05:10:11
SAHK31	VHHH	090500 RRA	05:16:11	05:16:23	05:15:55	05:15:55
SAHK31	VHHH	090600	06:03:54	06:03:55	06:03:33	06:03:33
SAJP31	RJTD	090300	03:06:55	03:06:56	03:06:43	03:06:44
SAJP31	RJTD	090400	04:06:52	04:06:53	04:06:42	04:06:44
SAJP31	RJTD	090500	05:06:50	05:06:51	05:06:42	05:06:43
SAJP31	RJTD	090600	06:06:53	06:06:54	06:06:43	06:06:43
SAMS31	WMKK	090300	03:08:05	03:08:05	03:08:18	03:08:18
SAMS31	WMKK	090400	04:08:18	04:08:18	04:08:17	04:08:17
SAMS31	WMKK	090500	05:08:14	05:08:14	05:08:18	05:08:18
SAMS31	WMKK	090600	06:08:04	06:08:05	06:08:21	06:08:22

Date: 9 Feb 2011			Singapore IROG		Tokyo IROG	
			Rx from ROBEX BCC	Routed to EGZZMASI	Rx from ROBEX BCC	Routed to KWBCYMYX
FTAE31	VTBB	090500	05:04:19	05:04:20	05:04:17	05:04:18
FTAE31	VTBB	090500 RRA	05:05:30	05:05:30	05:05:32	05:05:33
FTAE31	VTBB	090500 RRB	05:14:42	05:14:42	05:14:50	05:14:52
FTAE31	VTBB	091100	11:03:21	11:03:21	11:03:14	11:03:15
FTAE31	VTBB	091100 RRA	13:27:53	13:27:53	13:28:10 (GTS)	13:28:10 (AFTN)
			11:44:45	Not routed due text corrupted, SVC QTA RPT	11:44:11 (AFTN)	11:44:12 (AFTN)
FTSR31	WSSS	090500	05:01:51	05:01:51	05:02:11	05:02:12
FTSR31	WSSS	090500 RRA	05:19:08	05:19:08	05:19:06	05:19:06
FTSR31	WSSS	090500 RRB	05:44:32	05:44:32	05:44:30	05:44:31
FTSR31	WSSS	091100	11:05:46	11:05:47	11:05:59	11:05:59
FTAU31	YBBN	090500	05:00:22	05:00:25	05:00:23	
FTAU31	YBBN	091100	11:00:33	11:00:39	11:00:25	
FTCI31	ZBBB	090500	05:02:54	05:02:55	05:02:42	05:02:42
FTCI31	ZBBB	091100	11:02:20	11:02:21	11:02:06	11:02:07
FTJP31	RJTD	090200	02:57:40	02:57:40	02:57:31	02:57:32
FTJP31	RJTD	090200 AAA	04:09:49	04:09:49	04:09:43	04:09:44
FTJP31	RJTD	090200 AAB	05:07:11	05:07:11	05:06:45	05:06:48
FTJP31	RJTD	090200 AAC	05:13:32	05:13:32	05:13:26	05:13:26
FTJP31	RJTD	090200 AAD	05:47:19	05:47:19	05:47:12	05:47:13
FTJP31	RJTD	090800	08:57:38	08:57:38	08:57:30	08:57:31
FTJP31	RJTD	090800 AAA	11:38:38	11:38:38	11:38:31	11:38:31
FTJP31	RJTD	091400	14:57:40	14:57:41	14:57:30	14:57:31
FTHK31	VHHH	090500	05:00:56	05:00:57	05:00:43	05:00:43
FTHK31	VHHH	090500 CCA	05:15:26	05:15:26	05:15:15	05:15:15
FTHK31	VHHH	090500 AAA	05:31:19	05:31:19	05:31:08	05:31:09
FTHK31	VHHH	090500 CCB	06:00:21	06:00:21	06:00:07	06:00:07
FTHK31	VHHH	091100	11:03:10	11:03:11	11:02:41	11:02:42
FTHK31	VHHH	091100 RRA	11:02:50	11:02:50	11:02:35	11:02:35
FTHK31	VHHH	091100 AAA	13:05:14	13:05:14	13:05:09	13:05:10
FTHK31	VHHH	091100 AAB	15:30:48	15:30:48	15:30:38	15:30:38

2.2 Evaluation:

Comparison was made for data distributed to SADIS and ISCS. Total 66 bulletins are evaluated in the test. The following observations are noted:

a) Timeliness:	OPMET bulletins are routed to SADIS and ISCS without delay. The difference in transmission time to SADIS and ISCS is about 10 seconds in average.
b) Availability:	There are no significant differences of OPMET data availability for both WAFCs, except for FTAU31. RODB Tokyo will disseminate this TAF to WAFC Washington in the near future.

3. ACTION BY THE MEETING

3.1 The Meeting is invited to

a) discuss the information presented; and

b) call for an action item for the WAFC London and WAFC Washington to investigate further the differences in their uplink times.

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