



*International Civil Aviation Organization*

**FOURTH REGIONAL OPMET DATA BANKS  
(RODB) COORDINATION MEETING**

Chiang Mai, Thailand, 11 - 12 February 2010



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**Agenda Item 1: Review the operation of Third RODB Coordination meeting**

**REVIEW RODB/3 MEETING ACTION ITEMS**

(Prepared by the Secretariat)

**SUMMARY**

This paper provides a status of action items developed at the RODB/3 meeting.

**1. INTRODUCTION**

1.1 Action items were produced at the Third Regional OPMET Data Banks (RODB) Coordination (RODB/3) meeting held in Melbourne, Australia from 29 to 30 January 2009. The full report may be accessed at <http://www.icao.or.th/meetings/2009/rodb3/rodb3rpt.pdf>. The action items produced were mainly used to focus on key tasks in preparation for the OPMET/M TF/7 meeting held in Bangkok, Thailand from 2-4 June 2009.

**2. ACTION ITEMS LIST REVIEW**

2.1 The RODB/3 action items list is attached for reference. An updated status on action items still open can be updated in a proposed OPMET action items list (second attachment) which will be updated at various meetings (in particular, RODB and OPMET/M TF meetings). The new list will reduce the redundancy between RODB and OPMET/M TF meetings. The updated list will be posted on the following website:

[http://www.icao.or.th/edocs/apanpirg/apanpirg\\_sg/met/opmetm\\_tfmem.pdf](http://www.icao.or.th/edocs/apanpirg/apanpirg_sg/met/opmetm_tfmem.pdf)

under the OPMET/M TF of the APANPIRG & Subgroups chart and will be presented at the OPMET/M TF/8 and CNS/MET SG/14 meetings.

**3. ACTION BY THE MEETING**

3.1 The meeting is invited to update the OPMET action items list taking into consideration outstanding issues in the RODB/3 meeting action items list.

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Attachment to RODB/4 WP/2 – Review RODB/3 Action Items



**INTERNATIONAL CIVIL AVIATION ORGANIZATION  
ASIA AND PACIFIC OFFICE**

**PROGRESS OF ACTION ITEMS OF  
THE THIRD REGIONAL OPMET DATA BANKS (RODB)  
COORDINATION MEETING**

Melbourne, Australia  
29 – 30 January 2009

Blue font – complete  
Green font – in progress  
Red font - inquiry

	Action	Assigned	Progress
2.1.1	inquiry on AFTN ICAO Int'l requests from Brasilia (SBBR) to Brisbane RO DB (e-mail first, then SL)	RO APAC/SAM	<p>Email sent to RO SAM. RO SAM contacted SBBR. SBBR wanted more details in reference to time of occurrence – forwarded RO SAM with monitoring period. <i>Waiting for response.</i></p> <ul style="list-style-type: none"> <li>• Inquire: does this still occur?</li> </ul>
2.2	SA Table updates		
	- Add VTSH (Songkla) to SATH32	RO	√-Added to SA Table
	- (3.4.1) SL request update to SA Table in ROBEX HB	RO	<p>√-SL sent 10 Feb 2009 for States input due 24 March 2009. Updated draft with comments from Australia, Hong Kong, New Zealand, Thailand, and ICAO TCB on behalf of the Solomon Islands.</p>
	- present new SA Table at OPMET/M TF/7	RO	<p>√-WP6 - OPMET/M TF/7</p> <p>√-SA changes to Table A included in June 2009 amendment</p>
	Propose change of reference in ANP from FASID Tables 4A, 4B and 4C to ROBEX HB at OPMET/M TF/7	RO	<p>√-WP8 - OPMET/M TF/7</p> <p>√-Resulted in APANPIRG C20/65 and C20/66, which is included in amendment proposals APAC09/22 and 09/23 due Jan 15, 2010</p>
3.2	monitor WABB TAF availability via Civil Aviation Transformation Team (CATT)	RO/Singapore RODB	<p>√-RODB Singapore monitored the availability of TAF WABB from 1 to 10 April 2009. Only 3 of 40 TAF messages were received.</p> <p>√-RO sent ICAO CATT summary of OPMET deficiencies on 1 July 2009 that included unavailability of TAF from WABB</p>

Action	Assigned	Progress
		<p>√-summary provided for CATT delegation received in Bangkok in Sep 2009</p> <ul style="list-style-type: none"> <li>• Inquire if WABB TAF is routinely available?</li> </ul>
3.3.2 request US to issue OPMET Bulletins that contain only IA5 characters from KWBC (Washington)	RO	<p>Sent email to NOAA. Information being forwarded to appropriate group. <i>Waiting for response.</i></p> <ul style="list-style-type: none"> <li>• Inquire: does this still occur?</li> </ul>
3.4.1 update ROBEX HB once per year after OPMET/M TF meeting	RO	<p>√-Amendment June 2009 (another amendment in Sep 2009 warranted based on filing/compiling time clarification and example of RRx in split bulletin)</p>
3.4.2 analyze TAF exchange for Bangkok RODB w/o screening to determine if TAF is received from China, Pakistan, Papua New Guinea and South Pacific	RODB Bangkok Singapore (S Pacific)	<p>√-SA and FT bulletins, SAPS31, SAPS32 NFFN and FTFS31 NFFN, are not received from Nadi ROBEX Centre via AFTN RODB receive the following from ISCS: SAPS31 NZKL (NCRG, NTF, NGFU, NIUE, NSFA) SAFJ31 NFFN (NFFN) FTFJ31 NFFN (NCRG, NFFN, NTF, NSFA)</p> <ul style="list-style-type: none"> <li>• Inquire: is ROBEX scheme used for dissemination of OPMET data from S Pac and if not, why not, and should we consider updating the ROBEX Tables A,B accordingly?</li> </ul>
- errors in TAF format in India, Indonesia, MID need to be re-addressed	RO APAC/EUR	<p>√-Summary of TAF non compliance provided in WP11 - OPMET/M TF/7</p> <p>Follow-up continues with India and Indonesia with SLs issued in Dec 2009 based on IATA observations of TAF non compliance on 25Nov2009</p> <ul style="list-style-type: none"> <li>• Inquire: does TAF non compliance (2 TAF at an aerodrome) still exist in India and Indonesia?</li> </ul>

Action	Assigned	Progress
		<p>Email with Amman, Beirut, Jeddah, Tehran filing time and format (Amman) errors sent to EUR RO – <i>No response yet (transition of personnel)</i></p> <ul style="list-style-type: none"> <li>• <i>Inquiry: does TAF non-compliance still exist in MID region?</i></li> </ul>
4.1 IROG back-up tests	RODBs (Bang/Sin, Brisb/Sin, Tokyo/Sin)	<p>√-Bangkok-Singapore Completed. The back-up exercise was carried out between 0200 and 0800 UTC, on 16 March 2009. WP19 - OPMET/M TF/7 Brisbane-Singapore –  <ul style="list-style-type: none"> <li>• <i>Inquire: update</i></li> </ul> Tokyo-Singapore –  <ul style="list-style-type: none"> <li>• <i>Inquire: update</i></li> </ul> </p>
5.1 post RODB data catalogue on ICAO APAC website	RO	<ul style="list-style-type: none"> <li>• <i>Inquire: what are our options?</i></li> </ul>
7.1.1 send (Feb 2009) SIGMET test results to <a href="mailto:srav@bom.gov.au">srav@bom.gov.au</a>	RODBs	<p>√-All 3 tests completed. WS SIGMET test IP4 - OPMET/M TF/7 and WC/WV SIGMET test WP15 - OPMET/M TF/7</p>
7.1.3 SIGMET test procedures to include advisory centre guidance on issuing test advisory if real advisory is active (for OPMET/M TF/)	RODB Tokyo	<p>√-Included more clarity to SIGMET test procedures (para 3.2.1 of App J to the SIGMET Guide – amendment June 2009) between WS test and WV/WC tests since the former is not initiated by advisories</p>
7.2.3 propose expanded WV SIGMET test with added details to the OPMET/M TF/7	RODB Tokyo	<p>√-WP23 - OPMET/M TF/7 meeting Subsequently, APANPIRG C20/68  <ul style="list-style-type: none"> <li>• <i>Inquire: status on APANPIRG C20/68</i></li> </ul> </p>
Obtain EUR expanded WV test and dissemination to RODBs	RO APAC/EUR	<p>√-Sent EUR RO VA test/exercise link to group</p>

	Action	Assigned	Progress
7.3	Propose SIGMET format/monitoring to reserve test for expanded WS SIGMET to ATS and airlines	Australia	<ul style="list-style-type: none"> <li>Inquire: SIGMET monitoring with EUR Region Feb/Sep as suggested by Austro Control GmbH</li> </ul>
8.2	Collect, analyze incoming SA/FT bulletins (9 Feb 00 UTC – 22 Feb 2009 24 UTC and 9 Mar 00 UTC – 22 Mar 2009 24 UTC for comparison		
	- coordinate data collection with Fiji	RODB Brisbane	√-Information provided
	- analyze data	RODB Bangkok	√-Data analyzed by RODB Bangkok
	- present analysis in form of AH2 WP/9 at OPMET/M TF/7	RODB Bangkok	√-WP20 - OPMET/M TF/7
	- possibly present analysis in graphic form at CNS/MET SG/13	RODB Bangkok	√-Summary provided in WP20 - CNS/MET SG/13
	RODB monitoring in format of Table 2 IP4	RODBs	√-WP20 - OPMET/M TF/7
9.3.1	address temperature group location error and multiple min/max temperatures from Switzerland	RO APAC/EUR	<p>Sent email to RO EUR. <i>Waiting for response.</i></p> <ul style="list-style-type: none"> <li>Inquiry: does this still occur?</li> </ul>
9.3.3	obtain TAF format errors for Pakistan and Mongolia to provide SL with examples	RO	<p>√-Received examples of incorrect TAF format - Pakistan. State letter sent Feb 2009</p> <p>√-Received examples of incorrect TAF filing time for Mongolia – State letters sent March and July 2009</p>
9.3.5	address non compliance of the period of validity of TAF to IATA	RO	√-WP/21 - CNS/MET SG/13

Action		Assigned	Progress
10.1	update ICD		
	- Text (with regards to FC and FT)	RO	√-Included updated FC/FT definition
	- update ICD Tables	RODBs	√-ICD Tables updates received from Bangkok, Brisbane, Singapore, and Tokyo
	- make edits/review	RO/RODBs	√-Made available at least 2 weeks before OPMET/M TF/7 Mtg
	- present at OPMET/M TF/7	RO	√-WP7 - OPMET/M TF/7 √-Subsequently, changes incorporated in June 2009 amendment
10.2	include non-AOP aerodromes from Japan in ROBEX HB Table B	RO	• Inquiry: need list of aerodromes for inclusion in bulletins
	- make non-AOP aerodromes italics in ROBEX HB Table B	RO	√-ROBEX HB Amendment June 2009
	- disseminate clear definition between AOP and non-AOP aerodromes	RO	√-Explanation sent to RODB members.
10.3	determine why MID is in ROBEX HB	RO APAC/EUR	√-The TORs of the OPMET/M TF includes “Review the OPMET exchange schemes in the ASIA/PAC and MID Regions and develop proposals for their optimization taking into account the requirements by the aviation users and the current trends for global OPMET exchange
	- update MID info in ROBEX HB	RO APAC/EUR	Email sent to EUR RO. <i>Waiting for response.</i> New EUR RO presiding over MID MET SG meeting in Dec 2009 –

	Action	Assigned	Progress
			<ul style="list-style-type: none"> <li>review any outcomes relevant when report is posted and use real time monitoring results could be considered in future ROBEX HB update</li> </ul>
10.4	determine OPMET/M TF/8 dates (Feb is proposed) determine date of RODB/4 (extra day after TF/8) change SIGMET test dates (to Nov 2009?)	OPMET Meeting	✓-23-25 March 2010, Bangkok ✓-11-12 February 2010, Chiang Mai ✓-Conducted 10, 17, 24 November 2009 for WC, WV and WS SIGMET
	Other points to note since the RODB/3 meeting		
TF/4 2.4.4	Status of switching Indonesian OPMET bulletins received via GTS to the AFTN: WIII-WSSS GTS link, Singapore RODB can distribute them on the AFTN and forward to SADIS Gateway Exchange of OPMET via email	Singapore RODB	✓-Complete
		Singapore RODB	Message switch upgrade by Nov 2009 will allow email OPMET messages to be sent via Yahoo, Google, Hotmail, etc... Messages received in the designated mailbox must have an AFTN (text) format with incoming AFTN addresses: GG WSSSYMYX 160215 WABBYMYX FTID31 WABB 160500 TAF WABB .....= The message switch system will extract the text and process the same way as other AFTN messages are processed. OPMET message via email in AFTN format → received at Singapore Message Switching System → re-distributed to AFTN to other ROBEX Centres and WAFCS without delay <ul style="list-style-type: none"> <li>Obtain status</li> </ul>

## OPMET Exchange Action Item List

(next expected update at RODB/4 meeting, Chiang Mai, Thailand, 11-12 February 2010)

Meeting list contributing to progress

RODB/3 – Melbourne, Australia, 29-30 January 2009

OPMET/M TF/7 – Bangkok, Thailand, 2-4 June 2009

CNS/MET SG/13 – Bangkok, Thailand, 20-24 June 2009

APANPIRG/20 – Bangkok, Thailand, 7-11 September 2009

MID MET SG/2 – Cairo, Egypt, 15-17 December 2009

RODB/4 – Chiang Mai, 11-12 February 2010

Action	Assigned	Progress
<b><i>Non ROBEX Scheme Issues</i></b>		
Inquiry on AFTN ICAO Int'l requests from Brasilia (SBBR) to Brisbane RODB	RO APAC/SAM  Brisbane RODB	<u>RODB-3</u> : Email sent to RO SAM. RO SAM contacted SBBR. SBBR wanted more details in reference to time of occurrence, which was forwarded to RO SAM given the monitoring period. No response since. <u>RODB-4</u> : Does this still exist (does the group want to pursue issue)
Request US to issue OPMET bulletins that contain only IA5 characters from KWBC (Washington)	RO  Brisbane RODB	<u>RODB-3</u> : Sent email to NOAA. Information being forwarded to appropriate group. Waiting for response. <u>RODB-4</u> : Does this still occur?
OPMET data required at SADIS for aerodromes in Iraq: ORBI (Baghdad) – SA, 24-h TAF ORMM – (Basrah) – SA, 24-h TAF ORSU – Sulaymaniyah - SA ORER – Ebil – SA SA, TAF are available throughout 24 hours IRAQ should be using LOZZMMID AFTN destination address for the Inter-Regional OPMET Gateway (IROG) in Vienna,	Meeting/Singapore RODB	<u>RODB4</u> : As reported by the EUR Bulletin Management Group (BMG), OPMET data for these IRAQI aerodromes are required at SADIS and requested by users, but are not available. It may take some time before direct connections (to Regional Centres such as in Jordan) are installed. Could the OPMET information be supplied to Singapore RODB via email and relayed to SADIS for the interim period?

Austria, but this is not being done and direct connections to other regional centres being investigated.		
<b><i>METAR/TAF non compliance</i></b>		
Monitor WABB TAF availability via Civil Aviation Transformation Team (CATT)	RODB Singapore  RO  <b>Meeting</b>	RODB 3: RODB Singapore monitored the availability of TAF for WABB from 1 to 10 April 2009. Only 3 of 40 TAF messages were received. RO sent ICAO CATT summary of OPMET deficiencies on 3 July 2009 that included unavailability of TAF from WABB (since 13 May to reporting time of 30 June 2009) Summary provided for CATT delegation received in Bangkok in Sep 2009 <b>RODB 4: Inquire if WABB TAF is routinely available</b>
Indonesia 2 TAF valid at one aerodrome (non compliance to Annex 3)	RO  Singapore RODB/IATA/RO  <b>Meeting</b>	RODB 3: errors in TAF format in Indonesia need to be re-addressed <u>OPMET/M TF/7</u> : continue monitoring TAF in June 2009 and forward to RO States that are non compliant Indonesia non compliant in TAF in June 2009 (source Singapore RODB), SL sent 3 July 2009 Indonesia non compliant in TAF on 25 Nov 2009 (source IATA), SL sent 14 Dec 2009 <b>RODB 4: Is non compliance still observed and if so, determine next step (invitation to OPMET/M TF/8 meeting)</b>
India 2 TAF valid at one aerodrome (non compliance to Annex 3)	RO  Singapore RODB/IATA/RO  <b>Meeting</b>	RODB 3: errors in TAF format in India need to be re-addressed <u>OPMET/M TF/7</u> : continue monitoring TAF in June 2009 and forward to RO States that are non compliant India non compliant in TAF in June 2009 (i.e. VABB) (source Singapore RODB), SL sent 3 July 2009 Indonesia non compliant in TAF on 25 Nov 2009 (source IATA), SL sent 14 Dec 2009 <b>RODB 4: Is non compliance still observed and if so, determine next step (invitation to OPMET/M TF/8 meeting)</b>

Mongolia 2 TAF valid at one aerodrome (non compliance to Annex 3)	Singapore RODB/RO  Singapore RODB/RO  Meeting	Post <u>RODB 3</u> : Singapore RODB identified 2 TAF valid at the same time in Mongolia in February 2009, SL sent 13 March 2009 <u>OPMET/M TF/7</u> : continue monitoring TAF in June 2009 and forward to RO States that are non compliant Mongolia non compliant in TAF in June 2009 (source Singapore RODB), SL sent 3 July 2009 <u>RODB 4</u> : Does Mongolia still issue 2 TAF at an aerodrome (i.e. Ulaanbaatar)
Sri Lanka TAF format errors	RO  Meeting	<u>OPMET/M TF/7</u> : reported TAF format errors in Sri Lanka (blank line before WMO header and use of “Z” in date/time group of WMO AHL), email sent <u>RODB 4</u> : Do these format errors still exist in Sri Lanka?
Address temperature group location error and multiple min/max temperatures from Switzerland	RO  Meeting	<u>RODB 3</u> : Sent email to RO EUR but response not received due to transition of personnel <u>RODB 4</u> : Does this still occur?
Errors in TAF format in MID (Amman, Beirut, Jeddah, Tehran filing time and format (Amman) errors)	RO  Meeting	<u>RODB 3</u> : Sent EUR RO format errors, but due to transition of personnel, response not provided <u>RODB 4</u> : Do these errors still exist?
Improve OPMET timeliness	IATA/RO          RODBs	<u>OPMET/M TF/7</u> : improving the elapsed time from METAR observation and TAF creation to reception to user is desired by operators. WP35 – CNS/MET SG/13 meeting produced <b>APANPIRG Conclusion 20/62</b> , Harmonization of procedures for OPMET data issuance. Subsequently, guidance material on OPMET timeliness was clarified on pages 18 and 19 of the ROBEX HB in the September 2009 Amendment. Part c) of this conclusion, “consult the RODBs to monitor the progress of OPMET data issuance in compliance with the Regional Air Navigation Plan for reporting at the OPMET/M TF/8 Meeting” <u>RODB 4</u> : RODB monitoring of OPMET reception times at SADIS is necessary – reception time of METAR and TAF should be 15 and 25 minutes after observation and creation.

<b><i>SIGMET non compliance/ monitoring</i></b>		
Monitor issuance of SIGMET from Pyongyang MWO (ZKPY) for the Pyongyang FIR (ZKKP)	RODBs	<u>OPMET/M TF/7</u> : No SIGMET received from Pyongyang MWO (ZKPY) for 50 days monitored during convection season (9 and 30 June; 18-31 July, 1-14 August 2009) Participated in WS SIGMET test 24 Nov 2009 <u>RODB 4</u> : Continue monitoring for validation before proposing removal of AP-MET-16
Monitor progress of the issuance of SIGMET by Myanmar	RODBs	<u>OPMET/M TF/7</u> : SIGMET is issued by Myanmar; however, the format of the validity period is incorrect. This information was forwarded to Myanmar in June 2009. Participated in WV and WS SIGMET tests on 17, 24 Nov 2009 (exempt from WC since advisory from TCAC Delhi not issued and likely due to disturbance in Indian Ocean) <u>RODB 4</u> : Continue monitoring (RODBs and airlines) for SIGMET validation Desire official notification of progress by State – annual deficiency SL from RO being sent in Jan 2010 If these conditions are met, possible removal of deficiency AP-MET-13
SIGMET reception at ROC Vienna	Meeting	<u>RODB 4</u> : Discuss issue that SIGMET test messages should not have been received by the originator, but from London IROG – need coordinated change
SIGMET format/monitoring to reserve test for expanded WS SIGMET to ATS and airlines	Australia Meeting	<u>RODB 3</u> : proposal made <u>RODB 4</u> : Discuss SIGMET monitoring with EUR Region Feb/Sep as suggested by Austro Control GmbH
WV SIGMET for Mayon volcano, Philippines	Meeting	<u>RODB 4</u> : Discuss any shortfalls identified, if any (what was max height of ash, did it impact air routes?)
<b><i>IROG Backup tests</i></b>		
IROG backup tests	RODBs	<u>RODB 3</u> :

	Meeting	<u>RODB 4: Status of Brisbane – Singapore; Tokyo - Singapore</u>
Resolve non transmission of OPMET data to SADIS from Bangkok RODB identified when operating in backup mode for the Singapore RODB	RODB	<u>OPMET/M TF/7 (2/09):</u> investigate possible correlation of OPMET data filing on the half hour <u>RODB 4: Status</u>
<b><i>RODB data catalogue</i></b>		
Post RODB data catalogue on ICAO APAC website	RO Meeting	<u>RODB 3:</u> <u>RODB 4: Determine what the options are and how is the catalogue used (should this be considered as guidance material and how often does it need to be updated – how dynamic?)</u>
<b><i>SIGMET test issues</i></b>		
Propose expanded WV SIGMET test with added details to the OPMET/M TF/7	RODB Tokyo  RODB Tokyo	<u>RODB 3: WP23 – OPMET/M TF/7; IP32 – CNS/MET SG/13; APANPIRG C20/68, Expanded WV SIGMET Test Development</u> <u>RODB 4: Inquire on status of APANPIRG C20/68</u>
Propose SIGMET format/monitoring to reserve test for expanded WS SIGMET to ATS and airlines	Australia Meeting	<u>RODB 3:</u> <u>RODB 4: Should the group consider SIGMET monitoring with EUR Region Feb/Sep as suggested by Austro Control GmbH?</u>
Inclusion of MID Region MWOs that receive Tropical Cyclone Advisories from TCAC Delhi in the November 2010 SIGMET tests	EUR RO  Meeting EUR&ASIA/PAC ROs	<u>MID METSG/2:</u> Proposal to include MID in ASIA/PAC TC SIGMET test was pragmatic since TCAC Delhi participates and would already be sending TC Advisories to the western Indian Ocean for MWOs in Iran, United Arab Emirates, Oman, and Yemen. <u>RODB 4: Provide update</u> Action includes: inclusion of WMO SIGMET headers to App H of SIGMET Guide with italics that indicate “outside ASIA/PAC Region and/or not in FASID Table MET 3A” once this information is provided by the EUR RO

<b><i>SIGMET Guide updates</i></b>		
Possibly add MID MWOs for TC SIGMET test in App H	RO	MID METSG/2
<b><i>ROBEX HB updates</i></b>		
SA and FT bulletins, SAPS31, SAPS32 NFFN and FTFS31 NFFN are not received from Nadi ROBEX Centre via AFTN RODB The following is received by ISCS: SAPS31 NZKL (NCRG, NTF, NGFU, NIUE, NSFA) SAFJ31 NFFN (NFFN) FTFJ31 NFFN (NCRG, NFFN, NTF, NSFA)	Meeting	<b>RODB4:</b> What is needed to obtain OPMET data from S Pac via AFTN? If ROBEX Scheme is not and will not be used in the S Pac in the foreseeable future, should the HB be updated accordingly?
Include non-AOP aerodromes from Japan in ROBEX HB Table B	RO Japan	<b>RODB 3:</b> <b>RODB 4:</b> Need list of aerodromes and associated bulletins to include in ROBEX HB
Update MID info in ROBEX HB	RO  Meeting	<b>RODB 3:</b> email sent to EUR RO, but due to transition of personnel, response not provided <b>RODB 4:</b> Propose to verify differences between ROBEX Scheme and real time monitoring through the EUR RO
ROBEX HB amendment to include results of mean real time reception at the Singapore RODB	Singapore RODB/RO	<b>OPMET/M TF/7 (3/09):</b> <b>RODB 4:</b> Plan for including update in June 2010 Amendment
Consider including non-AOP aerodromes in Table C	Meeting	<b>RODB 4:</b> For discussion, however, information is already available in Table A & B (need to know how useful Table C is – this change may not take priority as it is cosmetic)
Afghanistan – OPMET currency in ROBEX HB	Meeting	<b>RODB 4:</b> Discuss whether to remove SAIR32 OIII from Table A since Afghanistan does not utilize this bulletin (as confirmed by Singapore RODB) (bulletins used are SAAH10 (METAR for OAKB) and FTAH10 (TAF for OAKB) and obtained by ISCS and relayed by Singapore IROG to SADIS) AFTN not expected in near future -Is SIGMET received from Afghanistan -does Afghanistan send air-reports via UAIR31 to OIII – if

		not consider removing from Table D -verify against real time monitoring?
Lao – possibly add 4 aerodromes (VLLB, VLLN, VLSK and VLPS) to one of Bangkok TAF bulletins	Meeting	<u>RODB4</u> : Need verification from Lao that TAF be sent to Bangkok and need confirmation from Bangkok as to what bulletin this would apply to
<b><i>ICD updates</i></b>		
Update once per year (May-June 2010)?	RODBs RO	Updated Appendices Update doc and post (amendment June 2010)
<b><i>Other</i></b>		
Pandemic Business Continuity Plan Workshop – Malaysia – 26-27 May 2010	Meeting	<u>RODB 4</u> : RODBs and IROGs are vital to the exchange of OPMET information for operational use. METAR & TAF are used for mainly for planning purposes, but arguably contains components of safety to operators. WS, WV, WC SIGMET is necessary for safe operations, which greatly contributes to the need for RODBs and IROGs to have a business continuity plan in place in case there is a high absenteeism rate (1/3 absent) due to staff or family of staff becoming ill. This forum offers opportunities for critical components of the aviation sector to meet the needs of aviation during a time of high absenteeism. VAACs, TCACs and WAFCs will be invited to this forum and if the group agrees, the invitation should be extended to the RODBs and IROGs. The RODBs and IROGs can elect to contribute to a possible survey in identifying gaps in operations if a high absenteeism rate occurs.