



International Civil Aviation Organization

**SIXTEENTH OF THE  
COMMUNICATIONS/NAVIGATION/SURVEILLANCE AND  
METEOROLOGY SUB-GROUP (CNS/MET SG/16) OF APANPIRG**

Bangkok, Thailand, 23 – 27 July 2012

**Agenda Item 16: Review and update Regional Performance Framework Objectives and Forms**

- 2) MET related Performance Framework Forms

**UPDATE OF WORK PLAN OF WAFS/I TF**

(Presented by Chairman, WAFS Implementation Task Force)

**SUMMARY**

This paper presents an update of the Work Plan of the WAFS Implementation Task Force (WAFS/I TF).

This paper relates to –

**Strategic Objectives:**

**A: Safety** – *Enhance global civil aviation safety*

**C: Environmental Protection and Sustainable Development of Air Transport** -*Foster harmonized and economically viable development of international civil aviation that does not unduly harm the environment*

**Global Plan Initiatives:**

GPI-19 Meteorological Systems

**1. Introduction**

1.1 Following the updating of the performance framework form (PFF) on ‘Implement WAFS and associated developments’ at the 14<sup>th</sup> meeting of the CNS/MET SG (CNS/MET SG/14) of APANPIRG, WAFS/I TF developed a Work Plan of the Task Force that aligned with the PFF. The Work Plan was last revised at the CNS/MET SG/15 meeting.

**2. Discussions**

2.1 Since CNS/MET SG/15, the WAFS/I TF has pursued the following tasks:

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- (a) Conducted a survey from December 2011 to January 2012 on the operational use of WAFS in the Asia Pacific region, including (i) transition to WIFS; (ii) operational use of Secure SADIS FTP service; (iii) transition to GRIB2 WAFS data; (iv) utilization of trial gridded forecasts of icing, turbulence and CB; (v) secure SADIS FTP download speed; (vi) training needs;
- (b) Updated the point of contact list for WAFS user States within the Asia Pacific region in September 2011;
- (c) Revised and distributed the WAFS service reference document to Asia Pacific States in December 2011; and
- (d) Submitted a paper in March 2012 on the survey results regarding the download speed of Secure SADIS FTP service to SADISOPSG/17 meeting.

2.2 The Work Plan was recently revised to (a) update the contact list of members of WAFS/I TF; (b) reflect the latest status of the activities related to the milestones of the tasks; and (c) incorporate comments from members of WAFS/I TF. The revised Work Plan can be found in Appendix A.

**3. Action by the meeting**

3.1 The meeting is invited to note the information provided in this paper.

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## ICAO APANPIRG CNS/MET WAFS IMPLEMENTATION TASK FORCE (WAFS/TF)

1. TASK TEAM		
Secretariat	Address	Contact
<a href="#">Peter C. Dunda</a> <a href="#">Christopher F. Keohan</a> (to be updated)	Regional Officer MET International Civil Aviation Organization <a href="#">Asia and Pacific Office</a> 252/1, Vibhavadee <a href="#">Rangsit</a> Road Ladyao, Chatuchak Bangkok 10900 Thailand	Ph: +66 (2) 537-8189 Ext. 153 Fax: +66 (2) 537-8199 Em: <a href="mailto:Pdunda@incao.int">Pdunda@incao.int</a> <a href="mailto:ckeohan@bangkok.icao.int">ckeohan@bangkok.icao.int</a>
Chair	Address	Contact
Cheng Cho-ming Hong Kong, China	Hong Kong Observatory 134A, Nathan Road Tsim Sha Tsui, Kowloon Hong Kong SAR, China	Ph: +852 2926 8223 Fax: +852 <a href="#">2721 6557</a> <del>2311-9448</del> Em: <a href="mailto:cmcheng@hko.gov.hk">cmcheng@hko.gov.hk</a>
Members	Address	Contact
Tim Hailes Australia	Bureau of Meteorology GPO Box 1289 Melbourne VIC 3001 Australia	Ph: +61 (0) 3 9669 4273 Fax: +61 (0) 3 9662 1222 Em: <a href="mailto:t.hailes@bom.gov.au">t.hailes@bom.gov.au</a>
Dr. R. Suresh India	Scientist and Director-in-charge Aerodrome Meteorological Office ATS Complex, Chennai Airport Chennai 600027 India	Ph: +91 (44) 2256 1636 Fax: +91 (44) 2256 0168 Em: <a href="mailto:suresh.imd@gmail.com">suresh.imd@gmail.com</a>
Jun Ryuzaki Japan	<a href="#">Senior</a> Scientific Officer Japan Meteorological Agency 1-3-4, Otemachi Chiyoda-ku, Tokyo 100-8122 Japan	Ph: +81 (3) 3212 8341 Ex. 2285 Fax: +81 (3) 3212 8968 Em: <a href="mailto:jryuzaki@met.kishou.go.jp">jryuzaki@met.kishou.go.jp</a>
Keith <a href="#">W.</a> Mackersy New Zealand	Technical Consultant, Meteorology Civil Aviation Authority of New Zealand P.O. Box 3555 Wellington 6140 New Zealand	Ph: +64 4 560 9400 Fax: +64 4 569 2024 Em: <a href="mailto:Keith.Mackersy@caa.govt.nz">Keith.Mackersy@caa.govt.nz</a>
CHOW Kwok Wah Singapore (to be updated)	<a href="#">Senior Meteorological Officer</a> Meteorological Services Division, NEA P.O. Box 8, Singapore Changi Airport Singapore 918141	Ph: +65 <a href="#">6731 3984</a> <del>65457224</del> Fax: +65 <a href="#">6731 3132</a> <del>65457192</del> Em: <a href="mailto:chow_kwok_wah@pub.gov.sg">chow_kwok_wah@pub.gov.sg</a>
Ms. Rassmee Damrongkietwattana Thailand	Professional Meteorologist Bureau of Aeronautical Meteorology Thai Meteorological Department Thailand	Ph: +66 (2) 1340006-7 Fax: +66 (2) 1340009-10 Em: <a href="mailto:rassmee@hotmail.com">rassmee@hotmail.com</a>
Chris Tyson United Kingdom (SADIS Provider State)	SADIS Manager & International Aviation Analyst Met Office, Fitzroy Road Exeter Devon EX1 3PB United Kingdom	Ph: +44(0)1392 884 892 Fax: +44(0) <a href="#">1392 885 681</a> <del>870-900</del> <del>5050</del> Em: <a href="mailto:chris.tyson@metoffice.gov.uk">chris.tyson@metoffice.gov.uk</a>

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<p>Steven Albersheim United States (<a href="#">WIFS Provider State</a>)</p>	<p>Federal Aviation Administration Senior Meteorologist Program Lead International FAA Headquarters 800 Independence Avenue, S.W. Washington, D.C. 20591 United States</p>	<p>Ph: +1 202-385-7185 Em: <a href="mailto:Steven.Albersheim@faa.gov">Steven.Albersheim@faa.gov</a></p>
<p>Jeremy Hassall United States (<a href="#">WIFS/SCS Provider State</a>)</p>	<p><del>Enterprise Product Support Team/NAS Enterprise Services Team Federal Aviation Administration Air Traffic Organization, Technical Operations</del> <a href="#">Enterprise Services Program Support Office Federal Aviation Administration Washington, D.C. Egg Harbor, NJ USA</a></p>	<p>Ph: +1 <a href="tel:3012608035">301 260 8035</a><del>609 485 0953</del> Fax: Em: <a href="mailto:jeremy.ctr.hassall@faa.gov">jeremy.ctr.hassall@faa.gov</a></p>
<p>Graham Rennie IATA</p>	<p>Principal Advisory Global Operations Development Qantas Airways, Qantas Centre C/5 203 Coward Street Mascot, NSW Australia</p>	<p>Ph: +61 (0) 2 9691 1157 Fax: <a href="tel:+610296911118">+61 (0) 2 9691 1118</a> Em: <a href="mailto:grennie@qantas.com.au">grennie@qantas.com.au</a></p>
<p>Hans-Rudi Sonnabend IATA</p>	<p>Head of Meteorological Services Lufthansa Systems Aeronautics GmbH Am Prime Parc 2 D-65479 Raunheim Germany</p>	<p>Ph: +49 (69) 6969 0362 Fax: +49 (69) 6969 4736 Em: <a href="mailto:hans-rudi.sonnabend@lhssystems.com">hans-rudi.sonnabend@lhssystems.com</a> <a href="mailto:met.services@lhssystems.com">met.services@lhssystems.com</a></p>

2. DESCRIPTION	
Objective	Implement WAFS and associated developments.
Benefits	Improve the regional implementation of weather forecasts (including SIGWX forecasts, upper winds and upper-air temperatures, direction, speed and height of maximum winds and tropopause heights, as well as turbulence, icing, cumulonimbus) used by airlines and ATM needed to optimize flight routes which will provide an increase in efficiency and reduced carbon emissions.
Terms of Reference	Under guidance from ICAO Secretariat: a) Assist in expediting the implementation of the World Area Forecast System (WAFS) in the Asia and Pacific Regions; b) Promote awareness of current and future requirements with respect to the World Area Forecast System (WAFS); c) Maintain awareness of the status of implementation of WAFS within the Asia and Pacific Regions and any user State deficiencies; d) Continually seek ways to improve the operational effectiveness of the use of WAFS datasets and products generated from those datasets; and e) Provide advice to the CNS/MET Sub-group on the above.
Work Program	The work to be addressed by the ASIA/PAC WAFS Implementation Task Force (WAFS/I TF) includes: a) Responding to the needs of States for guidance and information related to the implementation of WAFS within the Asia and Pacific Regions; b) Monitoring the <a href="#">operational use of WAFS Internet File Service (WIFS) and Secure SADIS FTP service migration from ISCS-G2 service to other WAFS services</a> in the Asia and Pacific Regions; c) Coordinating the arrangement of training and providing user's feedback on the utilization of gridded forecasts of icing, turbulence and cumulonimbus clouds; d) Promoting and assisting in the migration of GRIB1 to GRIB2 WAFS data; e) Coordinating the provision of assistance to States to ensure that WAFS can be effectively maintained and improved in the Asia and Pacific Regions; f) Providing inputs (via the CNS/MET SG) to APANPIRG on the regional planning and development of WAFS for coordination with the WAFSOPSG; and g) Keeping the ASIA/PAC WAFS Implementation Plan and Procedures up to date.

3. COMMUNICATION STRATEGIES				
Description	Target Audience	Delivery Method	Frequency / Date	Responsibility
Work Plan	Task Force Members	Document via email	As required but reviewed at least quarterly	Chair
General correspondence	Task Force Members	Email	As required	Task Force Members
Task Force Meeting	Task Team Members	Meeting	As required, supplemented by teleconference	Chair
Status & Milestone Reports	ICAO Secretariat and Task Team Members	Report via email	At least half-yearly	Chair
Task Force Report	CNS/MET SG	Working Paper	Yearly	Chair
Task Force Report	APANPIRG WAFSOPSG	Working Paper	Yearly	Secretariat

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<b>4. PERFORMANCE FRAMEWORK FORM (PFF)</b>				
<b>Tasks</b>	<b>Time Frame</b>	<b>Responsibility</b>	<b>Status</b>	<b>Milestone</b>
Task 1: Assist the regional implementation of new gridded products for turbulence, icing and CB forecasts	201 <del>12</del> -201 <del>7</del> <sup>6</sup>	WAFS/I TF	In progress	1, 4, 8
Task 2: Facilitate in organizing regional training of new gridded products for turbulence, icing and cumulonimbus forecasts	201 <del>2</del> <sup>4</sup> -2014	WMO & ICAO	In progress	7
Task 3: Monitor the operational use of WIFS noting the planned cessation of ISCS-G2 broadcast on 1 July 2012	201 <del>2</del> <sup>4</sup> -201 <del>7</del> <sup>6</sup>	WAFS/I TF	In progress	2, 6
Task 4: Monitor the operational use of Secure SADIS FTP service noting the planned cessation of SADIS FTP on 30 November 2012	201 <del>2</del> <sup>4</sup> -201 <del>7</del> <sup>6</sup>	WAFS/I TF	In progress	3, 6
Task 5: Maintain and distribute WAFS service reference document to ASIA/PAC States	201 <del>2</del> <sup>4</sup> -201 <del>7</del> <sup>6</sup>	WAFS/I TF	In progress	4, 5
Task 6: Monitor the implementation status of WAFS within the ASIA/PAC Regions, and report to CNS/MET SG	201 <del>2</del> <sup>4</sup> -201 <del>7</del> <sup>6</sup>	WAFS/I TF	In progress	6, 5, 8
Task 7: Report WAFS training needs of ASIA/PAC States to CNS/MET SG	201 <del>2</del> <sup>4</sup> -201 <del>7</del> <sup>6</sup>	WAFS/I TF	In progress	7

<b>5. MILESTONES</b>			
<b>Milestone</b>	<b>Accountability</b>	<b>Dates</b>	<b>Status</b>
Milestone 1: Monitor the performance and implementation status of new gridded products for turbulence, icing and CB <u>forecasts</u>	WAFS/I TF	30 Jun 1 <del>3</del> <sup>2</sup> Annual	In progress
Milestone 2: Monitor the operational use of WIFS <u>following noting</u> the <del>planned</del> cessation of ICSC-G2 broadcast on 1 July 2012	WAFS/I TF	30 Jun 1 <del>3</del> <sup>2</sup> Annual	In progress
Milestone 3: Monitor the operational use of Secure SADIS FTP service noting the planned cessation of SADIS FTP on 30 November 2012	WAFS/I TF	30 Jun 1 <del>3</del> <sup>2</sup> Annual	In progress
Milestone 4: Maintain and distribute WAFS service reference document to ASIA/PAC States	WAFS/I TF Chair	30 Oct 1 <del>2</del> <sup>4</sup> Annual	In progress
Milestone 5: Contact list for WAFS user States within the ASIA/PAC Regions created	WAFS/I TF Chair	30 Oct 1 <del>2</del> <sup>4</sup> Annual	In progress
Milestone 6: Report monitoring implementation status	WAFS/I TF Chair	30 Jun 1 <del>3</del> <sup>2</sup> Annual	In progress
Milestone 7: Report WAFS training needs	WAFS/I TF Chair	30 Jun 1 <del>3</del> <sup>2</sup> Annual	In progress
Milestone 8: WAFS Implementation Plan and Procedures updated	WAFS/I TF Chair	30 Jun 1 <del>3</del> <sup>2</sup> Annual	In progress

6. WORK PLAN				
Activity / Milestone	Accountability	Predecessors	Date	Status
<b>Activity 1: Monitor the performance and implementation status of new gridded products for turbulence, icing and CB forecasts</b>				
Activity 1.1: Monitor the performance of new gridded products for turbulence, icing and CB forecasts by the two WAFCs	WAFS/I TF	-	31 May <del>13</del> Annual	In progress
Activity 1.2: Provide summary on performance of new gridded products for turbulence, icing and CB forecasts for inclusion in CNS/MET working paper	WAFS/I TF Chair	1.1	30 Jun <del>13</del> Annual	In progress
Activity 1.3: Analyse any survey results on the current and future implementation of WAFS in respect of implementation of new gridded products for turbulence, icing and CB forecasts	WAFS/I TF	6.3	31 May <del>13</del> Annual	In progress
Activity 1.4 Present finding to CNS/MET SG	WAFS/I TF Chair	1.2-1.3	30 Jun <del>13</del> Annual	In progress
<i>Milestone 1: Monitored the performance and implementation status of new gridded products</i>	<i>WAFS/I TF Chair</i>	<i>1.2-1.3</i>	<i>30 Jun <del>12</del> Annual</i>	<i>In progress</i>
<b>Activity 2: Monitoring of the operational use of WIFS <del>following</del> <del>noting</del> the <del>planned</del> cessation of ISCS-G2 broadcast on 1 July 2012</b>				
Activity 2.1: Analyse any survey results on the current and future implementation of WAFS in respect of reception of WAFS products from WIFS	WAFS/I TF	6.3	01 Mar <del>40</del> <del>13</del> Annual	In progress
Activity 2.2: Monitor the reception of WAFS products from WIFS	WAFS/I TF	-	31 May <del>13</del> Annual	In progress
Activity 2.3: Present finding to CNS/MET SG	WAFS/I TF Chair	2.1-2.2	30 Jun <del>13</del> Annual	In progress
<i>Milestone 2: Monitored the <del>operational</del> use of WIFS</i>	<i>WAFS/I TF Chair</i>	<i>2.1-2.3</i>	<i>30 Jun <del>13</del> Annual</i>	<i>In progress</i>
<b>Activity 3: Monitoring of the operational use of Secure SADIS FTP service noting the planned cessation of SADIS FTP on 30 November 2012</b>				
Activity 3.1: Monitoring the operational use of Secure SADIS FTP service, when available	WAFS/I TF	-	31 May <del>13</del> Annual	In progress
Activity 3.2: Present finding to CNS/MET SG, when available	WAFS/I TF Chair	3.1	30 Jun <del>13</del> Annual	In progress
<i>Milestone 3: Monitored the operational use of Secure SADIS FTP Service</i>	<i>WAFS/I TF Chair</i>	<i>3.1-3.2</i>	<i>30 Jun <del>13</del> Annual</i>	<i>In progress</i>

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Activity 4: Maintenance and distribution of a WAFS service reference document to ASIA/PAC States				
Activity 4.1: WAFS/I TF to provide input on revising WAFS service reference document	WAFS/I TF	-	31 <del>15</del> Aug <del>Sep</del> 1 <del>2</del>	In progress
Activity 4.2: Update of WAFS service reference document	WAFS/I TF Chair	4.1	30 <del>15</del> Sep <del>Oct</del> 1 <del>2</del>	In progress
Activity 4.3: Upload WAFS service reference document to WAFS/I TF web-site	ICAO Secretariat	4.2	15 Oct 1 <del>2</del>	In progress
Milestone 4: Maintain and distribute WAFS service reference document to ASIA/PAC states	WAFS/I TF Chair	4.2, 5.4	15 Oct 1 <del>2</del>	In progress
Activity 5: <u>Updating</u> <del>Development</del> of a point of contact list for WAFS user States within the ASIA/PAC Regions				
Activity 5.1: Request SADIS contact list from SADIS Provider State	WAFS/I TF Chair	-	31 Aug 1 <del>2</del> Annual	In progress
Activity 5.2: Request <del>WIFS</del> <del>ISCS</del> contact list from <del>WIFS</del> <del>ISCS</del> Provider State	WAFS/I TF Chair	-	31 Aug 1 <del>2</del> Annual	In progress
Activity 5.3: Request ICAO contact list from ICAO Secretariat	WAFS/I TF Chair	-	31 Aug 1 <del>2</del> Annual	In progress
Activity 5.4: Collate contact lists	WAFS/I TF Chair	5.1-5.3	30 Sep 1 <del>2</del> Annual	In progress
Milestone 5: Contact list for WAFS user States within the ASIA/PAC Regions <del>created</del> <u>updated</u>	WAFS/I TF Chair	5.4	30 Sep 1 <del>2</del> Annual	In progress
Activity 6: Monitoring of the implementation status of WAFS within the ASIA/PAC Regions and reporting to CNS/MET SG				
Activity 6.1: Develop a survey on the current and future implementation of WAFS	WAFS/I TF	-	15 <del>24</del> Nov 1 <del>2</del> Annual	In progress
Activity 6.2: Distribute the survey to States	WAFS/I TF Chair	5.4, 6.1	30 <del>4</del> Nov 1 <del>2</del> Annual	In progress
Activity 6.3: States to respond to survey	States	6.2	31 <del>27</del> Jan 1 <del>2</del> Annual	In progress
Activity 6.4: Monitor the <u>operational</u> <del>use</del> <del>implementation</del> of WAFS in ASIA/PAC Regions	WAFS/I TF	-	15 Feb 1 <del>2</del> Annual	In progress
Activity 6.5: Monitor the <del>implementation</del> <u>operational use</u> of WIFS <del>until cessation of</del> <del>ISCS-G2 broadcast</del>	WAFS/I TF	2.1	15 Feb 1 <del>3</del> Annual	In progress
Activity 6.6: Monitor the <u>operational</u> <del>use</del> <del>implementation</del> of SADIS FTP Secure service, <del>when available</del>	WAFS/I TF	3.1	15 Feb 1 <del>3</del> Annual	In progress



Activity 6.7: Monitoring the performance of gridded forecasts of icing, turbulence and CB	WAFS/I TF	-	15 Feb <del>13</del> <sup>2</sup> Annual	In progress
Activity 6.8: Prepare CNS/MET working paper on implementation status of WAFS	WAFS/I TF Chair	1.3, 2.1, 6.2– 6.7	30 Jun <del>13</del> <sup>2</sup> Annual	In progress
Activity 6.9: Where and when necessary, prepare WAFSOPSG working paper on implementation status of WAFS	WAFS/I TF Chair	1.3, 2.1, 6.3– 6.7	30 Jun <del>13</del> <sup>2</sup> 18 mthly	In progress
Activity 6.10: Where and when necessary, present paper to WAFSOPSG	WAFS/I TF Chair	6.9	<del>01</del> <sup>24</sup> Mar <del>13</del> <sup>2</sup> 18 mthly	In progress
Milestone 6: <del>Completed</del> <del>r</del> Report <del>of</del> monitoring WAFS implementation status	WAFS/I TF Chair	6.4-6.10	30 Jun <del>13</del> <sup>2</sup> Annual	In progress
Activity 7: Reporting of the WAFS training needs of ASIA/PAC States to CNS/MET SG				
Activity 7.1: Develop a survey of the WAFS training needs of States	WAFS/I TF <del>Chair, Australia &amp; Singapore</del>	-	<del>15</del> <sup>24</sup> Nov <del>14</del> <sup>2</sup> Annual	In progress
Activity 7.2: Distribute the survey to States.	WAFS/I TF Chair	5.4, 7.1	<del>30</del> <sup>4</sup> Nov <del>12</del> <sup>4</sup> update annually, if necessary	In progress
Activity 7.3: States respond to survey	ASIA/PAC States	7.2	<del>31</del> <sup>27</sup> Jan <del>12</del> <sup>3</sup> Annual	In progress
Activity 7.4: Prepare CNS/MET working paper on <del>implementation status</del> <u>operational use</u> of WAFS	WAFS/I TF Chair	7.3	30 Jun <del>13</del> <sup>2</sup> Annual	In progress
Activity 7.5: Where and when necessary, prepare WAFSOPSG working paper on <del>implementation status</del> <u>operational use</u> of WAFS	WAFS/I TF Chair	7.3	30 Jun <del>13</del> <sup>2</sup> 18 mthly	In progress
Activity 7.6: Where and when necessary, present paper to WAFSOPSG	WAFS/I TF Chair	7.3	21 Sep 12; 18 mthly	In progress
Milestone 7: <del>Completed</del> <del>r</del> Report <del>of</del> WAFS training needs	WAFS/I TF Chair	7.4-7.6	30 Jun <del>12</del> <sup>3</sup> Annual	In progress

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Activity 8: Updating of the ASIA/PAC WAFS Implementation Plan and Procedures				
Activity 8.1: Update the WAFS Implementation Plan and Procedures	WAFS/I TF	-	30 Jun 13 <del>2</del> Annual	In progress
Milestone 8: WAFS Implementation Plan and Procedures updated	<i>WAFS/I TF Chair</i>	8.1	30 Jun 13 <del>2</del> Annual	<i>In progress</i>



## ICAO APANPIRG CNS/MET WAFS IMPLEMENTATION TASK FORCE (WAFS/TF)

1. TASK TEAM		
Secretariat	Address	Contact
<a href="#">Peter C. Dunda</a> <a href="#">Christopher F. Keohan</a> (to be updated)	Regional Officer MET International Civil Aviation Organization <a href="#">Asia and Pacific Office</a> 252/1, Vibhavadee <a href="#">Rangsit</a> Road Ladyao, Chatuchak Bangkok 10900 Thailand	Ph: +66 (2) 537-8189 Ext. 153 Fax: +66 (2) 537-8199 Em: <a href="mailto:Pdunda@incao.int">Pdunda@incao.int</a> <a href="mailto:ckeohan@bangkok.icao.int">ckeohan@bangkok.icao.int</a>
Chair	Address	Contact
Cheng Cho-ming Hong Kong, China	Hong Kong Observatory 134A, Nathan Road Tsim Sha Tsui, Kowloon Hong Kong SAR, China	Ph: +852 2926 8223 Fax: +852 <a href="#">2721 6557</a> <del>2311-9448</del> Em: <a href="mailto:cmcheng@hko.gov.hk">cmcheng@hko.gov.hk</a>
Members	Address	Contact
Tim Hailes Australia	Bureau of Meteorology GPO Box 1289 Melbourne VIC 3001 Australia	Ph: +61 (0) 3 9669 4273 Fax: +61 (0) 3 9662 1222 Em: <a href="mailto:t.hailes@bom.gov.au">t.hailes@bom.gov.au</a>
Dr. R. Suresh India	Scientist and Director-in-charge Aerodrome Meteorological Office ATS Complex, Chennai Airport Chennai 600027 India	Ph: +91 (44) 2256 1636 Fax: +91 (44) 2256 0168 Em: <a href="mailto:suresh.imd@gmail.com">suresh.imd@gmail.com</a>
Jun Ryuzaki Japan	<a href="#">Senior</a> Scientific Officer Japan Meteorological Agency 1-3-4, Otemachi Chiyoda-ku, Tokyo 100-8122 Japan	Ph: +81 (3) 3212 8341 Ex. 2285 Fax: +81 (3) 3212 8968 Em: <a href="mailto:jryuzaki@met.kishou.go.jp">jryuzaki@met.kishou.go.jp</a>
Keith <a href="#">W.</a> Mackersy New Zealand	Technical Consultant, Meteorology Civil Aviation Authority of New Zealand P.O. Box 3555 Wellington 6140 New Zealand	Ph: +64 4 560 9400 Fax: +64 4 569 2024 Em: <a href="mailto:Keith.Mackersy@caa.govt.nz">Keith.Mackersy@caa.govt.nz</a>
CHOW Kwok Wah Singapore (to be updated)	<a href="#">Senior Meteorological Officer</a> Meteorological Services Division, NEA P.O. Box 8, Singapore Changi Airport Singapore 918141	Ph: +65 <a href="#">6731 3984</a> <del>65457224</del> Fax: +65 <a href="#">6731 3132</a> <del>65457192</del> Em: <a href="mailto:chow_kwok_wah@pub.gov.sg">chow_kwok_wah@pub.gov.sg</a>
Ms. Rassmee Damrongkietwattana Thailand	Professional Meteorologist Bureau of Aeronautical Meteorology Thai Meteorological Department Thailand	Ph: +66 (2) 1340006-7 Fax: +66 (2) 1340009-10 Em: <a href="mailto:rassmee@hotmail.com">rassmee@hotmail.com</a>
Chris Tyson United Kingdom (SADIS Provider State)	SADIS Manager & International Aviation Analyst Met Office, Fitzroy Road Exeter Devon EX1 3PB United Kingdom	Ph: +44(0)1392 884 892 Fax: +44(0) <a href="#">1392 885 681</a> <del>870-900</del> <del>5050</del> Em: <a href="mailto:chris.tyson@metoffice.gov.uk">chris.tyson@metoffice.gov.uk</a>

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<p>Steven Albersheim United States (<a href="#">WIFS Provider State</a>)</p>	<p>Federal Aviation Administration Senior Meteorologist Program Lead International FAA Headquarters 800 Independence Avenue, S.W. Washington, D.C. 20591 United States</p>	<p>Ph: +1 202-385-7185 Em: <a href="mailto:Steven.Albersheim@faa.gov">Steven.Albersheim@faa.gov</a></p>
<p>Jeremy Hassall United States (<a href="#">WIFS/SCS Provider State</a>)</p>	<p><del>Enterprise Product Support Team/NAS Enterprise Services Team Federal Aviation Administration Air Traffic Organization, Technical Operations</del> <a href="#">Enterprise Services Program Support Office Federal Aviation Administration Washington, D.C. Egg Harbor, NJ USA</a></p>	<p>Ph: +1 <a href="tel:3012608035">301 260 8035</a><del>609 485 0953</del> Fax: Em: <a href="mailto:jeremy.ctr.hassall@faa.gov">jeremy.ctr.hassall@faa.gov</a></p>
<p>Graham Rennie IATA</p>	<p>Principal Advisory Global Operations Development Qantas Airways, Qantas Centre C/5 203 Coward Street Mascot, NSW Australia</p>	<p>Ph: +61 (0) 2 9691 1157 Fax: <a href="tel:+610296911118">+61 (0) 2 9691 1118</a> Em: <a href="mailto:grennie@qantas.com.au">grennie@qantas.com.au</a></p>
<p>Hans-Rudi Sonnabend IATA</p>	<p>Head of Meteorological Services Lufthansa Systems Aeronautics GmbH Am Prime Parc 2 D-65479 Raunheim Germany</p>	<p>Ph: +49 (69) 6969 0362 Fax: +49 (69) 6969 4736 Em: <a href="mailto:hans-rudi.sonnabend@lhssystems.com">hans-rudi.sonnabend@lhssystems.com</a> <a href="mailto:met.services@lhssystems.com">met.services@lhssystems.com</a></p>

2. DESCRIPTION	
Objective	Implement WAFS and associated developments.
Benefits	Improve the regional implementation of weather forecasts (including SIGWX forecasts, upper winds and upper-air temperatures, direction, speed and height of maximum winds and tropopause heights, as well as turbulence, icing, cumulonimbus) used by airlines and ATM needed to optimize flight routes which will provide an increase in efficiency and reduced carbon emissions.
Terms of Reference	Under guidance from ICAO Secretariat: a) Assist in expediting the implementation of the World Area Forecast System (WAFS) in the Asia and Pacific Regions; b) Promote awareness of current and future requirements with respect to the World Area Forecast System (WAFS); c) Maintain awareness of the status of implementation of WAFS within the Asia and Pacific Regions and any user State deficiencies; d) Continually seek ways to improve the operational effectiveness of the use of WAFS datasets and products generated from those datasets; and e) Provide advice to the CNS/MET Sub-group on the above.
Work Program	The work to be addressed by the ASIA/PAC WAFS Implementation Task Force (WAFS/I TF) includes: a) Responding to the needs of States for guidance and information related to the implementation of WAFS within the Asia and Pacific Regions; b) Monitoring the <a href="#">operational use of WAFS Internet File Service (WIFS) and Secure SADIS FTP service migration from ISCS-G2 service to other WAFS services</a> in the Asia and Pacific Regions; c) Coordinating the arrangement of training and providing user's feedback on the utilization of gridded forecasts of icing, turbulence and cumulonimbus clouds; d) Promoting and assisting in the migration of GRIB1 to GRIB2 WAFS data; e) Coordinating the provision of assistance to States to ensure that WAFS can be effectively maintained and improved in the Asia and Pacific Regions; f) Providing inputs (via the CNS/MET SG) to APANPIRG on the regional planning and development of WAFS for coordination with the WAFSOPSG; and g) Keeping the ASIA/PAC WAFS Implementation Plan and Procedures up to date.

3. COMMUNICATION STRATEGIES				
Description	Target Audience	Delivery Method	Frequency / Date	Responsibility
Work Plan	Task Force Members	Document via email	As required but reviewed at least quarterly	Chair
General correspondence	Task Force Members	Email	As required	Task Force Members
Task Force Meeting	Task Team Members	Meeting	As required, supplemented by teleconference	Chair
Status & Milestone Reports	ICAO Secretariat and Task Team Members	Report via email	At least half-yearly	Chair
Task Force Report	CNS/MET SG	Working Paper	Yearly	Chair
Task Force Report	APANPIRG WAFSOPSG	Working Paper	Yearly	Secretariat

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<b>4. PERFORMANCE FRAMEWORK FORM (PFF)</b>				
<b>Tasks</b>	<b>Time Frame</b>	<b>Responsibility</b>	<b>Status</b>	<b>Milestone</b>
Task 1: Assist the regional implementation of new gridded products for turbulence, icing and CB forecasts	201 <del>12</del> -201 <del>7</del> <sup>6</sup>	WAFS/I TF	In progress	1, 4, 8
Task 2: Facilitate in organizing regional training of new gridded products for turbulence, icing and cumulonimbus forecasts	201 <del>2</del> <sup>4</sup> -2014	WMO & ICAO	In progress	7
Task 3: Monitor the operational use of WIFS noting the planned cessation of ISCS-G2 broadcast on 1 July 2012	201 <del>2</del> <sup>4</sup> -201 <del>7</del> <sup>6</sup>	WAFS/I TF	In progress	2, 6
Task 4: Monitor the operational use of Secure SADIS FTP service noting the planned cessation of SADIS FTP on 30 November 2012	201 <del>2</del> <sup>4</sup> -201 <del>7</del> <sup>6</sup>	WAFS/I TF	In progress	3, 6
Task 5: Maintain and distribute WAFS service reference document to ASIA/PAC States	201 <del>2</del> <sup>4</sup> -201 <del>7</del> <sup>6</sup>	WAFS/I TF	In progress	4, 5
Task 6: Monitor the implementation status of WAFS within the ASIA/PAC Regions, and report to CNS/MET SG	201 <del>2</del> <sup>4</sup> -201 <del>7</del> <sup>6</sup>	WAFS/I TF	In progress	6, 5, 8
Task 7: Report WAFS training needs of ASIA/PAC States to CNS/MET SG	201 <del>2</del> <sup>4</sup> -201 <del>7</del> <sup>6</sup>	WAFS/I TF	In progress	7

<b>5. MILESTONES</b>			
<b>Milestone</b>	<b>Accountability</b>	<b>Dates</b>	<b>Status</b>
Milestone 1: Monitor the performance and implementation status of new gridded products for turbulence, icing and CB <u>forecasts</u>	WAFS/I TF	30 Jun 1 <del>3</del> <sup>2</sup> Annual	In progress
Milestone 2: Monitor the operational use of WIFS <u>following noting</u> the <del>planned</del> cessation of ICSC-G2 broadcast on 1 July 2012	WAFS/I TF	30 Jun 1 <del>3</del> <sup>2</sup> Annual	In progress
Milestone 3: Monitor the operational use of Secure SADIS FTP service noting the planned cessation of SADIS FTP on 30 November 2012	WAFS/I TF	30 Jun 1 <del>3</del> <sup>2</sup> Annual	In progress
Milestone 4: Maintain and distribute WAFS service reference document to ASIA/PAC States	WAFS/I TF Chair	30 Oct 1 <del>2</del> <sup>4</sup> Annual	In progress
Milestone 5: Contact list for WAFS user States within the ASIA/PAC Regions created	WAFS/I TF Chair	30 Oct 1 <del>2</del> <sup>4</sup> Annual	In progress
Milestone 6: Report monitoring implementation status	WAFS/I TF Chair	30 Jun 1 <del>3</del> <sup>2</sup> Annual	In progress
Milestone 7: Report WAFS training needs	WAFS/I TF Chair	30 Jun 1 <del>3</del> <sup>2</sup> Annual	In progress
Milestone 8: WAFS Implementation Plan and Procedures updated	WAFS/I TF Chair	30 Jun 1 <del>3</del> <sup>2</sup> Annual	In progress

6. WORK PLAN				
Activity / Milestone	Accountability	Predecessors	Date	Status
<b>Activity 1: Monitor the performance and implementation status of new gridded products for turbulence, icing and CB forecasts</b>				
Activity 1.1: Monitor the performance of new gridded products for turbulence, icing and CB forecasts by the two WAFCs	WAFS/I TF	-	31 May <del>13</del> Annual	In progress
Activity 1.2: Provide summary on performance of new gridded products for turbulence, icing and CB forecasts for inclusion in CNS/MET working paper	WAFS/I TF Chair	1.1	30 Jun <del>13</del> Annual	In progress
Activity 1.3: Analyse any survey results on the current and future implementation of WAFS in respect of implementation of new gridded products for turbulence, icing and CB forecasts	WAFS/I TF	6.3	31 May <del>13</del> Annual	In progress
Activity 1.4 Present finding to CNS/MET SG	WAFS/I TF Chair	1.2-1.3	30 Jun <del>13</del> Annual	In progress
<i>Milestone 1: Monitored the performance and implementation status of new gridded products</i>	<i>WAFS/I TF Chair</i>	<i>1.2-1.3</i>	<i>30 Jun <del>12</del> Annual</i>	<i>In progress</i>
<b>Activity 2: Monitoring of the operational use of WIFS <del>following</del> <del>noting</del> the <del>planned</del> cessation of ISCS-G2 broadcast on 1 July 2012</b>				
Activity 2.1: Analyse any survey results on the current and future implementation of WAFS in respect of reception of WAFS products from WIFS	WAFS/I TF	6.3	01 Mar <del>40</del> <del>13</del> Annual	In progress
Activity 2.2: Monitor the reception of WAFS products from WIFS	WAFS/I TF	-	31 May <del>13</del> Annual	In progress
Activity 2.3: Present finding to CNS/MET SG	WAFS/I TF Chair	2.1-2.2	30 Jun <del>13</del> Annual	In progress
<i>Milestone 2: Monitored the <del>operational</del> use of WIFS</i>	<i>WAFS/I TF Chair</i>	<i>2.1-2.3</i>	<i>30 Jun <del>13</del> Annual</i>	<i>In progress</i>
<b>Activity 3: Monitoring of the operational use of Secure SADIS FTP service noting the planned cessation of SADIS FTP on 30 November 2012</b>				
Activity 3.1: Monitoring the operational use of Secure SADIS FTP service, when available	WAFS/I TF	-	31 May <del>13</del> Annual	In progress
Activity 3.2: Present finding to CNS/MET SG, when available	WAFS/I TF Chair	3.1	30 Jun <del>13</del> Annual	In progress
<i>Milestone 3: Monitored the operational use of Secure SADIS FTP Service</i>	<i>WAFS/I TF Chair</i>	<i>3.1-3.2</i>	<i>30 Jun <del>13</del> Annual</i>	<i>In progress</i>

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Activity 4: Maintenance and distribution of a WAFS service reference document to ASIA/PAC States				
Activity 4.1: WAFS/I TF to provide input on revising WAFS service reference document	WAFS/I TF	-	31 <del>15</del> Aug <del>Sep</del> 1 <del>2</del>	In progress
Activity 4.2: Update of WAFS service reference document	WAFS/I TF Chair	4.1	30 <del>15</del> Sep <del>Oct</del> 1 <del>2</del>	In progress
Activity 4.3: Upload WAFS service reference document to WAFS/I TF web-site	ICAO Secretariat	4.2	15 Oct 1 <del>2</del>	In progress
Milestone 4: Maintain and distribute WAFS service reference document to ASIA/PAC states	WAFS/I TF Chair	4.2, 5.4	15 Oct 1 <del>2</del>	In progress
Activity 5: <u>Updating</u> <del>Development</del> of a point of contact list for WAFS user States within the ASIA/PAC Regions				
Activity 5.1: Request SADIS contact list from SADIS Provider State	WAFS/I TF Chair	-	31 Aug 1 <del>2</del> Annual	In progress
Activity 5.2: Request <del>WIFS</del> <del>ISCS</del> contact list from <del>WIFS</del> <del>ISCS</del> Provider State	WAFS/I TF Chair	-	31 Aug 1 <del>2</del> Annual	In progress
Activity 5.3: Request ICAO contact list from ICAO Secretariat	WAFS/I TF Chair	-	31 Aug 1 <del>2</del> Annual	In progress
Activity 5.4: Collate contact lists	WAFS/I TF Chair	5.1-5.3	30 Sep 1 <del>2</del> Annual	In progress
Milestone 5: Contact list for WAFS user States within the ASIA/PAC Regions <del>created</del> <u>updated</u>	WAFS/I TF Chair	5.4	30 Sep 1 <del>2</del> Annual	In progress
Activity 6: Monitoring of the implementation status of WAFS within the ASIA/PAC Regions and reporting to CNS/MET SG				
Activity 6.1: Develop a survey on the current and future implementation of WAFS	WAFS/I TF	-	15 <del>24</del> Nov 1 <del>2</del> Annual	In progress
Activity 6.2: Distribute the survey to States	WAFS/I TF Chair	5.4, 6.1	30 <del>4</del> Nov 1 <del>2</del> Annual	In progress
Activity 6.3: States to respond to survey	States	6.2	31 <del>27</del> Jan 1 <del>23</del> Annual	In progress
Activity 6.4: Monitor the <u>operational</u> <del>use</del> <del>implementation</del> of WAFS in ASIA/PAC Regions	WAFS/I TF	-	15 Feb 1 <del>23</del> Annual	In progress
Activity 6.5: Monitor the <del>implementation</del> <u>operational use</u> of WIFS <del>until cessation of</del> <del>ISCS-G2 broadcast</del>	WAFS/I TF	2.1	15 Feb 1 <del>32</del> Annual	In progress
Activity 6.6: Monitor the <u>operational</u> <del>use</del> <del>implementation</del> of SADIS FTP Secure service, <del>when available</del>	WAFS/I TF	3.1	15 Feb 1 <del>32</del> Annual	In progress



Activity 6.7: Monitoring the performance of gridded forecasts of icing, turbulence and CB	WAFS/I TF	-	15 Feb <del>132</del> Annual	In progress
Activity 6.8: Prepare CNS/MET working paper on implementation status of WAFS	WAFS/I TF Chair	1.3, 2.1, 6.2– 6.7	30 Jun <del>132</del> Annual	In progress
Activity 6.9: Where and when necessary, prepare WAFSOPSG working paper on implementation status of WAFS	WAFS/I TF Chair	1.3, 2.1, 6.3– 6.7	30 Jun <del>132</del> 18 mthly	In progress
Activity 6.10: Where and when necessary, present paper to WAFSOPSG	WAFS/I TF Chair	6.9	<del>0124</del> Mar <del>132</del> 18 mthly	In progress
Milestone 6: <del>Completed</del> <del>r</del> Report <del>of</del> monitoring WAFS implementation status	WAFS/I TF Chair	6.4-6.10	30 Jun <del>132</del> Annual	In progress
Activity 7: Reporting of the WAFS training needs of ASIA/PAC States to CNS/MET SG				
Activity 7.1: Develop a survey of the WAFS training needs of States	WAFS/I TF <del>Chair, Australia &amp; Singapore</del>	-	<del>1524</del> Nov <del>142</del> Annual	In progress
Activity 7.2: Distribute the survey to States.	WAFS/I TF Chair	5.4, 7.1	<del>304</del> Nov <del>124</del> update annually, if necessary	In progress
Activity 7.3: States respond to survey	ASIA/PAC States	7.2	<del>3127</del> Jan <del>123</del> Annual	In progress
Activity 7.4: Prepare CNS/MET working paper on <del>implementation status</del> <u>operational use</u> of WAFS	WAFS/I TF Chair	7.3	30 Jun <del>132</del> Annual	In progress
Activity 7.5: Where and when necessary, prepare WAFSOPSG working paper on <del>implementation status</del> <u>operational use</u> of WAFS	WAFS/I TF Chair	7.3	30 Jun <del>132</del> 18 mthly	In progress
Activity 7.6: Where and when necessary, present paper to WAFSOPSG	WAFS/I TF Chair	7.3	21 Sep 12; 18 mthly	In progress
Milestone 7: <del>Completed</del> <del>r</del> Report <del>of</del> WAFS training needs	WAFS/I TF Chair	7.4-7.6	30 Jun <del>123</del> Annual	In progress

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Activity 8: Updating of the ASIA/PAC WAFS Implementation Plan and Procedures				
Activity 8.1: Update the WAFS Implementation Plan and Procedures	WAFS/I TF	-	30 Jun 13 <del>2</del> Annual	In progress
Milestone 8: WAFS Implementation Plan and Procedures updated	<i>WAFS/I TF Chair</i>	8.1	30 Jun 13 <del>2</del> Annual	<i>In progress</i>