

Attachment 3 to the APANPIRG/19 Report
Follow-up to APANPIRG/19 Conclusions/Decisions – Action Plan

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Conclusion/ Decision No. --- Strategic Objective*	Title of Conclusion/ Decision	Text of Conclusion/Decision	Follow-up Action	To be initiated by	Deliverable	Target date
C 19/1 D	Regional Performance Framework	That, a regional performance framework be adopted on the basis of ICAO guidance material and aligned with the Global Air Navigation Plan and the Global ATM Operational Concept. The performance framework should include identification of regional performance objectives taking into consideration user expectations (to be mapped against current work) and completion of regional performance framework forms based on the sample shown in Appendix A to the Report on Agenda Item 3.	Develop performance framework	ICAO APAC Office Sub Groups APANPIRG	Regional Performance objectives; Performance Framework Forms	Jun 2009

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C 19/2 D	National Performance Framework	That, States be invited to adopt a national performance framework on the basis of ICAO guidance material and aligned with the regional performance objectives, the regional air navigation plan and the Global ATM Operational Concept. The performance framework should include identification of national performance objectives taking into consideration user expectations (to be mapped against current work) and completion of national performance framework forms based on the sample shown in Appendix A to the Report on Agenda Item 3.	Notify States	ICAO APAC Office	State Letter	Feb 2009
C 19/3 A D	Assistance in South West Pacific Small Island States and Mongolia, Myanmar and Timor Leste in implementing the requirements of aerodrome certification and SMS	That, in recognizing the importance on the implementation of Annex 14, Volume I provisions related to aerodrome certification and SMS in the South West Pacific Small Island States and Mongolia, Myanmar and Timor-Leste, ICAO considers providing assistance to these States in order to build their capacity to provide the required services in a sustainable and cost efficient manner. <i>[Note: An appropriate form of providing assistance could include establishment of an ICAO technical cooperation project with funding sought from donor agencies.]</i>	Assist in establishment of TC Project	ICAO HQ/ICAO APAC Office	appropriate assistance Project	2009/2010

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D 19/4 A D	Dissolution of the Regional Performance Framework Task Force (RPF/TF)	That, recognizing the performance based planning process utilizing “Performance Framework Forms (PFF)” promulgated by ICAO during 2008 had overtaken the Terms of Reference of the Regional Performance Framework Task Force (RPF/TF), the RPF/TF be dissolved. .				Completed
D 19/5 A D	Dissolution of the RVSM/TF	That, following the widespread and safe implementation of RVSM throughout the Asia/Pacific Regions over a 10 year period, the Asia/Pacific RVSM Implementation Task Force (RVSM/TF) be dissolved, with effect from the close of the RVSM/TF/34 meeting (one year review of China RVSM) in late 2008, and any residual work items be allocated to the ATM/AIS/SAR Sub-Group. <i>Note: In dissolving the RVSM/TF, APANPIRG places on the record its highest commendation and appreciation to all parties associated with the RVSM/TF for the continuous implementation of RVSM and the very positive and quantifiable beneficial effects on safety, efficiency and the environment that have resulted directly from the work of the RVSM/TF.</i>	Notify States	ICAO APAC Office	State Letter	Mar 2009

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D 19/6 A, D, E	Establishment of an ICAO Flight Plan & ATS Message Implementation Task Force	That, an Asia/Pacific ICAO Flight Plan & ATS Message Implementation Task Force (FPL&AM/TF), with terms of reference as outlined in Appendix C to the APANPIRG/19 Report on Agenda Item 3.2, be established to develop a regional transition strategy and procedures to ensure the streamlined implementation of the amended ICAO flight planning and associated ATS Message provisions.	Establish Task Force	ICAO APAC Office	Schedule first meeting	Second quarter 2009
C19/7 A D	RNP 4 capability for operators	That, recognizing the significant benefits expected from the implementation of 30 NM longitudinal separation based on RNP 4, operators of Pacific fleets be urged to equip with RNP 4 avionics for oceanic airspace operations and obtain approval from the States of Registry/Operators as early as possible, but no later than 2012.	Notify States and air space users	ICAO APAC Office	State Letter	Dec 2008

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C 19/8 A D	Conduct Regional Runway Safety Seminar/ Workshop	That, noting the critical nature and persistent occurrence of runway incursions, the ICAO Asia/Pacific Regional Office, with assistance from States experienced in runway safety management and in conjunction with the COSCAPS of South Asia, South East Asia and North Asia, conduct a 3-day runway safety seminar/workshop during 2009.	Conduct Seminar/Workshop	ICAO APAC Office, COSCAPs	Seminar/Workshop	2009
C 19/9 A D E	Support for Ad-Hoc GOLD Working Group	That, recognizing the many benefits to be gained from the global application of harmonized FANS data link operational procedures, APANPIRG supports the work being undertaken under the auspices of the Ad-Hoc GOLD Working Group to produce a FANS Global Operational Data Link document (GOLD) and invites the Asia/Pacific Regional Office to act as the regional focal point for the Ad-Hoc GOLD Working Group.	Participation in the working group	ICAO APAC Office	Draft GOLD	Mar 2009

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C 19/10 A D	Future date-time for NOTAMC and NOTAMR	Recognizing that the concerns raised in APANPIRG Conclusion 18/14 relating to use of future date-time in NOTAMC and NOTAMR have been included in the Air Navigation Commission work programme for formal resolution by 2010, States be encouraged to use relevant guidance material in the Aeronautical Information Services Manual (Doc 8126) and the Asia/Pacific Operating Procedures for AIS Dynamic Data (OPADD) in the application of Annex 15 SARPs.	Notify States	ICAO APAC Office	State Letter	Dec 2008
C 19/11 A D	Update SAR Matrix including guidance material	That, the updated format for the SAR Capability Matrix Table and explanatory text shown in Appendix K to the APANPIRG/19 Report on Agenda Item 3.2 be adopted and the explanatory text be included as a perpetual attachment to the SAR Capability Matrix, to serve as guidance to States when filling in the Matrix.	Publish on website	ICAO APAC Office	Published on website	Oct 2009

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C19/12 A D	Accelerated Data Link Implementation in the Manila Flight Information Region (FIR)	That, to enable the early realization of the full benefit of data link operation and the implementation of reduced lateral and longitudinal separations throughout the South China Sea airspace, the Philippines be invited to expedite implementation of ADS-C and CPDLC data link services in the Manila FIR.	Notify Philippines	ICAO APAC Office	State letter	Dec 2008
D 19/13 A D	ATM/AIS/SAR Task List	That, the ATM/AIS/SAR Sub-Group Task List and attachments contained in Appendix A to the ATM/AIS/SAR/SG/18 Report on Agenda Item 9 be adopted as the current work programme for the ATM/AIS/SAR Sub-Group of APANPIRG.	Notify ATM/AIS/SAR/SG	ICAO APAC Office	ATM/AIS/SAR SG informed. Paper prepared	Jun 2009
C 19/14 A D	Approval of China RMA as Asia Pacific RMA	That, having met all requirements established by the Regional Airspace Safety Monitoring Advisory Group (RASMAG), the China RMA be approved as an APANPIRG Asia/Pacific RVSM Regional Monitoring Agency with responsibility for all sovereign RVSM airspaces in China.	Update RASMAG List of Competent Agencies Notify States	ICAO APAC Office ICAO APAC Office	List updated State Letter	Oct 2008 Dec 2008

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C 19/15 A D	Enhanced communications between States and RVSM RMAs	That, noting the Annex 6 provisions for the global long term monitoring of airframes used in RVSM operations and the critical role of Asia/Pacific RVSM Regional Monitoring Agencies (RMAs) in monitoring the safety of RVSM operations, the Regional Office draw the attention of States to the Long Term Height Monitoring Actions promulgated by RASMAG. In particular, States are encouraged to immediately strengthen relationships with their respective RMAs to ensure that information in relation to RVSM approval status is continuously available to RMAs.	Notify States	ICAO APAC Office	State Letter	Mar 2009
D 19/16 D	Revision to the Subject/Tasks List of ATNICG	That, the Revised Subject/Tasks List of the ATNICG provided in Appendix A to the Report on Agenda Item 3.4 be adopted.	Notify ATNICG	ICAO APAC Office	ATNICG informed. Paper prepared.	May 2009
C 19/17 D	Asia/Pacific Aeronautical Telecommunication Network System Security Policy	That, the updated “Asia/Pacific Aeronautical Telecommunication Network System Integrity Policy” provided in Appendix B to the Report on Agenda Item 3.4 be adopted as “Asia/Pacific Aeronautical Telecommunication Network System Security Policy”.	Publish on website	ICAO APAC Office	Published on website. States notified	Oct 2008

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C 19/18 A D	ATS Message Management Center (AMC) Software	That, to facilitate implementation and management of ATN in Asia/Pacific Region, ICAO be urged to facilitate transfer of Eurocontrol AMC Software to Aerothai and to allow Aerothai to modify the Software to suit the requirements of Asia/Pacific Region.	Coordinate with parties concerned.	ICAO HQ	MOU signed and AMC software transferred.	May 2009
			Prepare Issue Form	ICAO APAC Office	Sent to HQ	Dec 2008
C 19/19 A D	Implementation of AIDC in Asia and Pacific Regions	That, States be urged to expedite implementation of AIDC between neighboring ATS facilities in accordance with the Regional Air Navigation Plan and the Asia/Pacific AIDC ICD.	Notify States	ICAO APAC Office	State Letter	Dec.2008
C 19/20 D	Adoption of ATN over IPS in addition to ATN over OSI	That, considering the inclusion of ATN over IPS SARPs in ICAO Annex 10, Volume 3 and to support global harmonization of ATN implementations, States hosting BBIS be urged to implement ATN over IPS in addition to ATN over OSI and complete this implementation of Dual Stack ATN (ATN/OSI and ATN/IPS) by 2011.	Notify States hosting BBIS.	ICAO APAC Office	State Letter	Dec.2008
C 19/21 D	Amendment to Asia/Pacific Regional AMHS MTA Routing Policy	That, the revised Asia/Pacific AMHS MTA Routing Policy placed at Appendix C to the Report on Agenda Item 3.4 be adopted.	Publish on website	ICAO APAC Office	Published on website	Mar. 2009

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C 19/22 D	Amendment to FASID Tables CNS – 1B and CNS – 1C	That, FASID Tables CNS – 1B ATN Router Plan and Table CNS – 1C AMHS Routing Plan, be amended by replacing them with the Tables provided in Appendices D and E to the Report on Agenda Item 3.4 in accordance with the established procedure.	Prepare amendment proposal	ICAO APAC Office	Amendment proposal to HQ	Mar 2009
C 19/23 D	Amendment to Asia/Pacific AMHS Manual.	That, Annex E and Annex F provided in Appendix F to the Report on Agenda Item 3.4 be adopted as Annexes to the Guidance Document for AMHS Conformance Testing (AMHS Manual).	Publish on website	ICAO APAC Office	Published on website and States notified	Nov. 2008
C 19/24 A D E	Satellite Communications Service Performance	That, a) States and International Organizations be requested to liaise with satellite service providers to establish a mechanism to maintain and modernize the satellite communication infrastructure; and b) ICAO be invited to organize a meeting by the end 2008 for stakeholders to review the performance and provision of satellite data link communications in the Asia/Pacific Region and find a solution.	a) Notify States and Intl' Organizations b <input type="checkbox"/> To organize a meeting	ICAO APAC Office ICAO APAC Office	State Letter Meeting conducted	Feb 2009 Dec 2008

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C 19/25 D	ASIA/PAC PBN Implementation Plan	That, the Asia/Pacific PBN Implementation Plan as provided in Appendix G to the Report on Agenda Item 3.4 be adopted and published as the interim Edition based on which, States be urged to developed their national PBN implementation plan and provide feedback to the ICAO Regional Office.	Notify States Publish on website	ICAO APAC Office	State letter. Published on website and States notified	Nov. 2008
C 19/26 A D	Investigation DME based RNAV	That, in the interest of efficiency, States with DME coverage extending beyond their FIRs be requested to consider allowing neighboring States to develop PBN procedures utilizing these DMEs.	Notify States with extended DME coverage	ICAO APAC Office	State Letter	Feb 2009
C 19/27 D	Flight Procedure Design Office	That, ICAO continues to develop the concept of a Flight Procedure Design Office taking into account proposals submitted by the States with emphasis on the role, responsibility and financial mechanisms.	Prepare Issue Form	ICAO APAC Office	Issue form sent to HQ	Dec 2008

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C 19/28 A D	Continuous Descent Final Approach (CDFA) and Baro- VNAV	That, in order to reduce the likelihood of CFIT accidents, States be urged to a) review non-precision approach procedures with LNAV lines of minima to include CDFA profile; and b) include the Baro-VNAV design in the current and new RNP APCH approaches and consequent LNAV/VNAV approach minima.	Notify States	ICAO APAC Office	State Letter	Oct 2008
C 19/29 D	Separation Standards for PBN	That, ICAO be invited to expedite development and publication of separation standards for use in implementation of the PBN RNAV 5, RNAV 2, RNAV 1 and Basic-RNP 1 navigation specifications.	Prepare Issue Form	ICAO APAC Office	Issue Form sent to HQ	Dec 2008
D 19/30 D	Revision to the Terms of Reference of the PBN Task Force	That, the Revised Terms of Reference of the PBN Task Force provided in Appendix I to the Report on Agenda Item 3.4 be adopted.	Notify PBN Task Force	ICAO APAC Office	Paper prepared	Mar 2009
C 19/31 D	Revision of the Strategy for the Provision of Navigation Services in the Asia/Pacific Region	That, the revised Strategy for the provision of navigation services provided in Appendix J to the Report on Agenda Item 3.4 be adopted and provided to States	Publish on website	ICAO APAC Office	Published on Website and States notified	Feb 2009

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C 19/32 D	Testing of Navigation and Surveillance facilities Seminar	That, ICAO be invited to organize a seminar on ‘Testing of Navigation and Surveillance facilities’ in 2009 to address issues related to ground and flight inspection/validation.	Organize a Seminar	ICAO APAC Office	Seminar	Sep 2009
D 19/33 D	Subject/Tasks List of ADS-B Study and Implementation Task Force	That, the Subject/Tasks List for ADS-B Study and Implementation Task Force provided in Appendix L to the Report on Agenda Item 3.4 be adopted.	Notify ADS-B Study and Implementation Task Force	ICAO APAC Office	ADS-B S & I TF informed and paper prepared.	Apr 2009
C 19/34 D	Guidance Materials on Implementation of ADS-B	That, the following Guidance Materials on implementation of ADS-B Out Services be adopted for use by States in the Asia and Pacific Regions: - Reporting Probability of ADS-B update as shown in Appendix M ; - Reporting ADS-B Avionics fitment as shown in Appendix N ; - the performance criteria for multi-sensor fusion as shown in the Appendix O .	Publish on website and inform States	ICAO APAC Office	Published on website and States notified	Jan 2009

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C 19/35 D	Guidelines for the development of ADS-B Implementation	<p>That, States be advised to use the following guidelines for the development of ADS-B implementation plan.</p> <p>a) minimize capital and operating costs of ADS-B data facilities;</p> <p>b) give priority to provide coverage over major traffic flows;</p> <p>c) provide ADS-B coverage in areas within 150 NM from FIR boundaries;</p> <p>d) suitable sites with power, shelter, access routes and data communication links shall be preferred; and</p> <p>e) overlapping of ADS-B coverage is preferred.</p>	Notify States	ICAO APAC Office	State Letter	Feb 2009
C 19/36 D	Sample Agreement for ADS-B Data Sharing	That, the sample Agreement for ADS-B Data Sharing and the cost apportionment framework provided in the Appendices P and Q respectively to the Report on Agenda Item 3.4 be adopted as the regional guidance material.	Notify States	ICAO APAC Office	State Letter	Feb 2009

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C 19/37 D	Revised Mandate Regional ADS-B Out Implementation	<p>States intending to implement ADS-B based surveillance service, be urged to</p> <p>a) determine ADS-B OUT equipage mandates based upon the ability to provide ADS-B OUT separation services;</p> <p>b) expedite the implementation of ADS-B OUT in accordance with the Regional Air Navigation Plan and the provision of separation services based on ADS-B OUT;</p> <p>c) publish their equipage mandates as soon as possible, with a target publication date of no later than 2010 so that operators can plan ahead their forward purchasing and retrofit;</p> <p>d) choose a date after mid 2012 on which the ADS-B out equipage mandate will become effective in airspace served by ADS-B ground stations with sufficient transition period to enable fleet equipage.</p> <p><i>Note: The implementation would require aircraft equipped with avionics compliant with either;</i></p>	Notify States	ICAO APAC Office	State Letter	Nov 2008

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		<p>1) <i>Version 0 ES as specified in Annex 10, Volume IV, Chapter 3, Paragraph 3.1.2.8.6 (up to and including Amendment 82 to Annex 10) and Chapter 2 of the Technical Provisions for Mode S Services and Extended Squitter (ICAO Doc 9871) (Equivalent to DO260) to be used till at least 2020. or</i></p> <p>2) Version 1 ES as specified in Chapter 3 of the Technical Provisions for Mode S Services and Extended Squitter (ICAO Doc 9871) (Equivalent to DO260A)</p>				

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<p style="text-align: center;">C 19/38</p> <p style="text-align: center;">A D</p>	<p>Support provision of VHF radio voice communication associated with ADS-B data sharing between adjacent States</p>	<p>That, States be urged to consider following regional policy on supporting provision of direct controller pilot communication capability associated with ADS-B data sharing between adjacent FIRs of States.</p> <p>“In order to provide radar like separation services using ADS-B, it is necessary for the controllers to have direct controller pilot communication (DCPC). In some cases, to achieve radar like separation services it may be necessary for the States to provide VHF radio voice communication services for use by adjacent States.</p> <p>It is therefore recommended that States capable to do so support provision of VHF radio voice communication services to adjacent States when this is required to support the delivery of ADS-B based separation services. Cost of such service provision shall be agreed between the States concerned.”</p>	<p>Notify States</p>	<p>ICAO APAC Office</p>	<p>State letter</p>	<p>Mar 2009</p>
<p style="text-align: center;">C 19/39</p> <p style="text-align: center;">D</p>	<p>Regional Surveillance Strategy for Asia/Pacific Region</p>	<p>That, the revised Regional Surveillance Strategy for Asia/Pacific Region provided in the Appendix R to the Report on Agenda Item 3.4 be adopted.</p>	<p>Publish on the web site.</p>	<p>ICAO APAC Office</p>	<p>Published on website and States notified.</p>	<p>Jan 2009</p>

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<p>C 19/40</p> <p>A D</p>	<p>Coordination for SSR Mode S Interrogator Identifier Code</p>	<p>That,</p> <p>a) in view of low density of SSR interrogator installations in the region, only Interrogator Identifier (and not Surveillance Identifiers) codes be used for SSRs Mode S in areas of overlapping coverage</p> <p>b) while implementing SSR Mode S, States should take into account following issues while assigning Interrogator Identifier codes for these installations:</p> <ul style="list-style-type: none"> - for planning the implementation of SSR Mode S interrogators, administrations should ensure that the interrogators with overlapping coverage are not operating with the same Interrogator Identifier (II) codes. - where, the coverage of the interrogator extends beyond the boundaries of the State, The II code and PRF should be worked out in coordination with the ICAO Asia and Pacific Office and the neighboring States, and - administrations should inform the ICAO Asia and Pacific Office about the assigned II codes and PRFs for these installations. 	<p>Notify States</p>	<p>ICAO APAC Office</p>	<p>State letter</p>	<p>Mar 2009</p>

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C 19/41 A D E	Contact Person for WRC-11 and active participation by the States in WRC-11 related national and regional activities	That, States be urged to a) nominate a Contact Person responsible for the preparation for WRC-11 in their administration and inform ICAO Asia and Pacific Office about the contact details of the nominated Contact Person; and b) actively participate in all the national and regional level activities related to the preparation for WRC-11.	Notify States	ICAO APAC Office	State Letter	Jan 2009
C 19/42 A D	Providing ASIA/PAC States with information on recent and forthcoming developments to WAFS	That, in order to increase the regional awareness on the planned developments of the WAFS, SADIS and International Satellite Communication System (ISCS), the information provided by the WAFCs, as shown in Appendix S to the Report on Agenda Item 3.4 be circulated by the ICAO Regional Office to the States in the ASIA/PAC Region.	Notify States	ICAO APAC Office	State Letter	Oct 2008

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C 19/43 D	Training for the new WAFS gridded forecasts	<p>That, in order to facilitate the implementation by the States of the new WAFS gridded forecasts,</p> <p>a) WAFS Provider States, in coordination with ICAO and WMO, be invited to organize training on the use of the new WAFS gridded forecasts for icing, turbulence and cumulonimbus clouds; and</p> <p>b) WAFSOPSG be invited to consider, in addition to the planned regional training seminars, developing alternative methods for provision of training to the States on the new gridded forecasts for icing, turbulence and cumulonimbus clouds in order to ensure that a maximum number of WAFS users in the States will have access to the training in the most efficient way.</p> <p><i>Note: The alternative training methods include computer based training products distributed to States and web-based training.</i></p>	<p>a) Organize training</p> <p>b) Develop training methods</p>	ICAO HQ	<p>conduct training programme</p> <p>conduct training</p>	<p>Apr 2009</p> <p>Dec 2010</p>

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C 19/44 D	Use of administrative messages for errors in the WAFS SIGWX forecasts	That, a) WAFSOPSG be requested to develop as soon as possible the procedures for the issuance of administrative messages by the WAFCs drawing attention to errors identified in the current WAFS SIGWX forecasts (in the BUFR code and PNG chart forms); and b) ICAO be invited to develop guidance for the meteorological offices and aviation users on the use of the above administrative messages.	Prepare Issue Form	ICAO APAC Office	Issue Form sent to HQ	Dec 2008

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<p>C 19/45</p> <p>A D</p>	<p>Transition to ISCS 3rd Generation</p>	<p>That, in view of the plans by the ISCS Provider State to upgrade the ISCS broadcast to a new 3rd Generation service (ISCS 3G) by the end of 2009:</p> <p>a) the ISCS Provider State be urged to provide timely information to the ISCS user States on the planned changes including specifications of the hardware and software changes, transition timeline and expected cost implications for the users if any; and</p> <p>b) the ISCS user States be urged to keep abreast of the planned developments through the established channels of communication with the ISCS Provider State and plan well in advance any resources required for the transition to the ISCS 3G;</p> <p><i>Notes:</i></p> <p>1) <i>The ISCS Provider State will use the established network of ISCS focal points as its basis for keeping States informed.</i></p> <p>2) <i>The Secretariat will undertake the task to keep the list of ISCS focal points up-to-date to ensure efficient communication between the ISCS Provider State and the ISCS user States in the ASIA/PAC Region.</i></p> <p>3) <i>All information on the planned transition will be available on: http://www.weather.gov/iscs</i></p>	<p>Provide specifications</p> <p>Notify ISCS user States</p>	<p>ISCS provider State</p> <p>ICAO APAC Office</p>	<p>Specification information available</p> <p>State Letter</p>	<p>Mar 2009</p> <p>Apr 2009</p>

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C 19/46 D	Amendment proposal to TAF-related provisions in the ASIA/PAC Basic ANP and FASID (Doc 9673)	That, a) the amendment proposal to the ASIA/PAC Basic ANP, as presented in Appendix V to the Report on Agenda Item 3.4 , be processed according to the established procedure; and b) the new format of FASID Table MET 1A, as presented in Appendix U to the Report on Agenda Item 3.4, be adopted and the ASIA/PAC States be invited to provide the necessary data to the Regional Office in order to issue an amendment proposal.	prepare amendment proposal Notify States	ICAO APAC Office ICAO APAC Office	amendment proposal to HQ State Letter	Sep 2008 Nov 2008
C 19/47 D	Regional preparedness for timely implementation of the new TAF provisions	That, a) the Regional implementation plan for the new TAF provision presented in Appendix W to the Report on Agenda Item 3.4 be circulated to all ASIA/PAC States; and b) States be informed that the new TAF format should be used for all TAFs issued after 00 UTC on 5 November 2008.	Notify States Notify States	ICAO APAC Office ICAO APAC Office	State Letter State Letter	Sep 2008 Sep 2008

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C 19/48 D	Test website for the transition to the new TAF format	<p>That, States in the ASIA/PAC Region be invited to use the special website established by the U.S. NWS to facilitate the transition to the new TAF format and test their procedures for issuance of 30-hour TAF.</p> <p><i>Note: The 30-hour TAF test website is accessed on:</i> http://www.weather.gov/os/aviation/taf_testbed.shtml</p>	Notify States	ICAO APAC Office	State Letter	Sep 2008
C 19/49 D	Guidance on the period of validity of TAF included in the HF VOLMET broadcasts	<p>That, ICAO:</p> <p>a) be invited to urgently review the concerns expressed with regard to the non-suitability of 30-hour TAF for HF VOLMET broadcasts as described in detail in the report of CNS/MET SG/12 meeting; and</p> <p>b) provide urgent guidance to the States concerned taking into consideration the user requirements expressed by IATA and IFALPA, before the implementation date of the new TAF provisions.</p>	Prepare Issue Form	ICAO APAC Office	Issue form sent to HQ	Dec 2008

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Conclusion/ Decision No. --- Strategic Objective*	Title of Conclusion/ Decision	Text of Conclusion/Decision	Follow-up Action	To be initiated by	Deliverable	Target date
C 19/50 D	Issues related to TAF code	<p>That, ICAO, in coordination with WMO be invited to consider the following issues related to TAF:</p> <p>a) providing explicit definition of the geographical area that the TAF covers with consistency between this definition for the TAF and METAR;</p> <p>b) establishment of amendment criteria for the temperature group in the TAF; and</p> <p>c) establishment of provision for multiple occurrences of operationally significant maximum or minimum temperatures in a 30-hour TAF.</p>	Prepare Issue Form	ICAO APAC Office	Issue Form sent to HQ	Dec 2008

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Conclusion/ Decision No. --- Strategic Objective*	Title of Conclusion/ Decision	Text of Conclusion/Decision	Follow-up Action	To be initiated by	Deliverable	Target date
C 19/51 D	Coordination and Implementation of the Volcanic Ash Notification for Aviation	<p>That States listed in FASID Table MET 3C be encouraged to implement the format VONA developed by the International Airways Volcano Watch Operations Group (IAVWOPSG) in order to:</p> <p>a) improve communication of information on volcanic activity to ACC, VAAC, and MWO; and</p> <p>b) provide feedback on the utility of the VONA and refinements that should be considered by the IAVWOPSG</p> <p><i>VONA = Volcano Observatory Notice for Aviation</i></p>	Notify States	ICAO APAC Office	State Letter	Nov 2008
C 19/52 D	Update of ASIA/PAC Regional SIGMET Guide	That, the new SIGMET examples developed by Hong Kong, China and Australia given in Appendix Y to the Report on Agenda Item 3.4 be included in the new edition of the ASIA/PAC Regional SIGMET Guide.	Notify States	ICAO APAC Office	State Letter	Dec 2008

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Conclusion/ Decision No. --- Strategic Objective*	Title of Conclusion/ Decision	Text of Conclusion/Decision	Follow-up Action	To be initiated by	Deliverable	Target date
C 19/53 D	Convening MET/ATM TF meeting and organizing MET/ATM seminar	That, a meeting of MET/ATM Task Force be convened in 2009 to review and update the Work Programme of the group and prepare a programme for the second ASIA/PAC MET/ATM Seminar to be held in 2010. <i>Note: Coordination with the ATM/AIS/SAR Sub-group is essential for the planned meeting of the MET/ATM TF.</i>	Organize meeting	ICAO APAC Office	Meeting convened	Dec 2009
C 19/54 D	Improvements to aeronautical climatological information provision	That, ICAO, in coordination with WMO and IATA, be invited to: a) study the evolving user requirements for the provision of aeronautical climatological information, in view of the increasing importance of climatological data in the decision making process and strategic planning of airline operations; b) based on the results of the study, consider developing proposal for improvements to aeronautical climatological information provision.	Prepare Issue Form	ICAO APAC Office	Issue form sent to HQ	Dec 2008
D 19/55 D	Updated Subject/Tasks List of the CNS/MET Sub- group	That, the Subject/Tasks List of the CNS/MET Sub-group provided in Appendix A2 to the Report on Agenda Item 3.4 be adopted.	Notify CNS/MET SG	ICAO APAC Office	CNS/MET SG informed with paper prepared	Jul 2009

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Conclusion/ Decision No. --- Strategic Objective*	Title of Conclusion/ Decision	Text of Conclusion/Decision	Follow-up Action	To be initiated by	Deliverable	Target date
C 19/56 C,D	Common methodology for environmental benefits	That, ICAO be invited to establish and maintain a simple and cost effective common methodology to assess and document environmental benefits to airspace and CNS/ATM planning initiatives.	Prepare Issue Form	ICAO APAC Office	Issue Form sent to HQ	Dec 2008
D 19/57 A, C, D	Amendments to the Terms of Reference of the ATM/AIS/SAR SG	That, amendments to the Terms of Reference of the ATM/AIS/SAR Sub Group be adopted to enable consideration of the Global Air Navigation Safety Plan in planning processes and ensure environmental initiatives are identified and progressed, as presented in Appendix B to the APANPIRG/19 Report on Agenda Item 5.	Notify ATM/AIS/SAR/SG	ICAO APAC Office	ATM/AIS/SAR SG informed with paper prepared	Jun 2009

* **Note:** ICAO has established the following Strategic Objectives for the period 2005-2010:

A: Safety - Enhance global civil aviation safety; **B: Security** - Enhance global civil aviation security; **C: Environmental Protection** - Minimize the adverse effect of global civil aviation on the environment; **D: Efficiency** - Enhance the efficiency of aviation operations; **E: Continuity** - Maintain the continuity of aviation operations; **F: Rule of Law** - Strengthen law governing international civil aviation.