



INTERNATIONAL CIVIL AVIATION ORGANIZATION

**TWENTY SIXTH MEETING OF THE ASIA/PACIFIC AIR NAVIGATION
PLANNING AND IMPLEMENTATION REGIONAL GROUP
(APANPIRG/26)**

Bangkok, Thailand, 7 – 10 September 2015

Agenda Item 1A: Follow-up on the Outcome of APANPIRG/25 Meeting
**1.2: Review status of implementation of APANPIRG/25
Conclusions and Decisions**
**STATUS OF IMPLEMENTATION OF APANPIRG/25
CONCLUSIONS AND DECISIONS**

(Presented by the Secretariat)

SUMMARY

This Paper presents the follow-up action taken by ICAO and States on the APANPIRG/25 Conclusions and Decisions

Strategic Objectives:

- A: *Safety – Enhance global civil aviation safety*
- B: *Air Navigation Capacity and Efficiency — Increase the capacity and improve the efficiency of the global aviation system*
- E: *Environmental Protection — minimize the adverse environment effects of civil aviation activities.*

Refer to Para 3 for action by APANPIRG/26

1 INTRODUCTION

1.1 APANPIRG/25 adopted the table which provides for each Conclusion/Decision, the related ICAO Strategic Objective(s), the follow-up action to be taken, Organisation responsible to initiate action, expected deliverable(s) and the target date for completion. The format is in line with the ICAO Business Planning and Performance Based Approach.

2. DISCUSSION

2.1 APANPIRG/25 adopted 41 Conclusions and 10 Decisions which are presented in **Appendix A** to this Working Paper. A column is added to the table to show the recommendation made by Air Navigation Commission. Out of the 51 items listed; action has been taken to close/complete 39 Conclusions and 10 Decisions. Action on the remaining 2 Conclusions (C 25/11 and C 25/43) is on-going.

3. ACTION BY THE MEETING

3.1 The Meeting is invited to:

- a) note the progress made on the APANPIRG/25 Conclusions and Decisions as given in **Appendix A** to this paper; and
- b) review and propose further action.

APPENDIX A
APANPIRG/25 Conclusions/Decisions – Action Plan

Conclusion/ Decision No --- Strategic Objective*	Title of Conclusion/Decision	Text of Conclusion/Decision	Responsibility	Deliverable	Target date	Status as of 15 August 2015	Action by ANC
D 25/1 A & B	Development of the new APAC eANP	That in support to the ICAO efforts to align the regional Air Navigation Plans (ANP) with the Fourth Edition of the Global Air Navigation Plan (GANP) (Doc 9750) APANPIRG and its sub groups be invited to: a) include the development of the APAC eANP based on the Council approved ANP template and action plan, in the work programmes of the related APANPIRG contributory bodies; and b) present the relevant Parts of the APAC eANP to APANPIRG/26 for endorsement.	APANPIRG and its sub groups	Work programmes of the related APANPIRG contributory bodies updated Sub groups	December 2014 August 2015	COMPLETE COMPLETE WP prepared for endorsement by APANPIRG/26	Noted
C 25/2 A & B	APAC Regional Air Navigation Priorities and Targets	That, the Regional Priorities and Targets contained in Appendix A to this Report on Agenda Item 3.0 be endorsed by APANPIRG.	ICAO APAC Office	State letter IOM to ICAO/HQ for inclusion and use in the public ICAO APAC Regional Performance Dashboard	September 2014	COMPLETE State letter T 8/5.1 & T 3/10.1.2 :AP145/14 (CNS/ATM) 30 Sep.14 IOM T 8/2.11 & T 8/10.21:AP-CNS0076/14 25 September 2014	Noted

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C 25/3 A & B	Air Navigation Report Forms (ANRFs) and responsibility Matrix	That, the ANRF regarding the Block 0 ASBUs (except B0-RSEQ, B0-OPFL, and B0-WAKE) provided in the APANPIRG/25/WP26 Appendices A to P together with the matrix of responsibilities placed at Appendices B and C to the Report on Agenda Item 3.0 be adopted for the APAC Region	ICAO APAC Office	State letter	September 2014	COMPLETE State letter T 8/5.1 & T 3/10.1.2 :AP145/14 (CNS/ATM) 30 Sep.14	Noted
C 25/4 A & B	Seamless ATM Implementation Guidance	That, the Seamless ATM implementation guidance version 4.3, http://www.icao.int/APAC/Documents/edocs/Seamless%20ATM%20Implementation%20Guidance%20v4-3.pdf , May 2014 be adopted by APAC States/Administrations and maintained by the ICAO Regional Office.	ICAO APAC Office	State letter	October 2014	COMPLETE	Noted
C 25/5 A & B	Web-based Seamless ATM Implementation Progress Reporting Process	That, States/Administrations be urged to report on their Seamless ATM implementation progress at least once a year through the ICAO online reporting process from November 2014 onwards.	ICAO APAC Office APAC States	State letter Reporting forms submitted	December of each year (intermediate reports are welcome, for example in June of each year)	COMPLETE State letter T 8/5.1 & T 3/10.8: AP162114 (CNS/ATM) 24 November 2014	Noted

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C 25/6 A & B	Seminar/Workshop on the Aerodrome related Aspects of the Seamless ATM Plan Implementation	Recognizing the need for promoting, understanding and active involvement of the APAC States/Administration in taking forward the regional initiative, ICAO be invited to organize a seminar/workshop on the Seamless ATM Plan with a focus on aerodrome related elements.	ICAO APAC Office	Seminar conducted	June 2015	COMPLETE Seminar held on 1 June 2015	Noted
C 25/7 A & B	Amendment to Figure 3-1 of Annex 14, Volume II	Recognizing that the Figure 3-1 in Annex 14, Volume II was not consistent with the standard in Para 3.1.22 and 3.2.21 of Annex 14, Volume II, ICAO be invited to review and revise the Figure as appropriate.	ICAO APAC Office	IOM submitted to ICAO HQ	October 2014	COMPLETE IOM AN 3/3:AP-AGA0165/14 24 October 2014	Noted, included in next ICAO Annex 14 amendment cycle
C 25/8 A & B	Guidance on Airport Operations in Thunderstorm/Lightning Conditions	Recognizing that guidance on airport operations in thunderstorm/lightning conditions, which are commonly experienced in tropical countries, was not available, ICAO be invited to consult with ACI and consider providing guidance material as a reference document for States and airport operators.	ICAO APAC Office	IOM submitted to ICAO HQ	October 2014	COMPLETE IOM AN 3/3:AP-AGA0164/14 24 October 2014	Noted

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C 25/9 A & B	ACI APEX (Airport for Excellence) Programme	that States: a) Support the ACI APEX in Safety Programme at aerodromes in the APAC Region; and b) Encourage airport operators to approach ACI for assistance through the APEX in Safety Programme if deemed necessary; and to participate in the APEX Safety Reviews Programme.	ICAO APAC Office	State Letter	November 2014	COMPLETE SL AN 3/3- AP155/14 (AGA) 6 Nov. 2014	Noted
D 25/10 A & B	ATFM/SG Terms of Reference	That, the proposed Terms of Reference (Attachment D to APANPIRG/25/WP07) be adopted for the Asia/Pacific Air Traffic Flow Management Steering Group (ATFM/SG).	ICAO APAC Office	Update the ATFM/SG TOR	October 2014	CLOSED	Noted
C 25/11 A & B	Human Performance Initiatives	That, ICAO be urged to: a) conduct an Asia/Pacific human performance seminar/workshop for optimal Air Traffic Control (ATC) and Search and Rescue (SAR) operational safety and efficiency; and b) review the human performance provisions in the Asia/Pacific Seamless ATM Plan.	ICAO APAC Office	1. State Letter 2. Conduct of an Asia/Pacific human performance seminar/workshop 3. Review Seamless ATM Plan	1. October 2014 2. 2015 3. August 2015	COMPLETE SL T3/10.0 - AP140/15 (ATM) dated 25 Sept 2014 In progress	Noted
D 25/12 A & B	Amend Regional ATM Contingency Plan Task Force (RACP/TF) Terms of Reference	That, the amended RACP/TF Terms of Reference (Attachment F to APANPIRG/25/WP07) be adopted.	ICAO APAC Office	Update the RACP/TF TOR	October 2014	CLOSED	Noted

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C 25/13 A & B	ATS Route Catalogue Version 13	That Version 13 of the <i>Asia and Pacific Region ATS Route Catalogue (Attachment H to APANPIRG/25/WP07)</i> replaces Version 12 on the ICAO Asia/Pacific Regional Office web site (www.icao.int/apac).	ICAO APAC Office	1. Update ICAO website 2. State Letter	1. October 2014 2. October 2014	COMPLETE SL T3/10.0 - AP138/15 (ATM) dated 25 Sept 2014	Noted
C 25/14 A & B	Access to ICAO Annexes and Documents	That, States are urged to ensure that all personnel having responsibility for the origination, reception, management and/or distribution of aeronautical information and aeronautical data have full access to the relevant ICAO Annexes and Documents, either in up-to-date hard copy form or by arranging internet access through the ICAO Secure Portal.	ICAO APAC Office	State Letter	October 2014	COMPLETE SL T3/10.0 - AP138/15 (ATM) dated 25 Sept 2014	Supported, ANC to request Council to consider the impact that any new digital distribution system may have on access by State personnel.

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C 25/15 A & B	Aeronautical Information Management (AIM) Transition Reporting	<p>That, considering:</p> <ol style="list-style-type: none"> 1. the Asia/Pacific Seamless ATM Plan expectation of implementation of Phase 1 and Phase 2 AIS to AIM roadmap transition steps by November 2015; 2. the Aeronautical Information Services-Aeronautical Information Management Implementation Task Force (AAITF) Terms of Reference requirement to monitor AIM transition; and 3. the information used for regional and global ATM performance reporting, <p>States be urged to:</p> <ol style="list-style-type: none"> a) verify the information currently recorded in the AIM Implementation Table (Attachment I to APANPIRG/25/WP07), and b) update the information in the AIM Transition Table at least once annually, by April 30 each year. 	ICAO APAC Office	State Letter	October 2014	COMPLETE SL T3/10.0 - AP138/15 (ATM) dated 25 Sept 2014	Noted

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C 25/16 A & B	Duplicated 5LNC (Five Letter Name Code)	That, States take coordinated action to replace duplicated 5LNC as detailed in APANPIRG/25/WP07, Attachment J , recognising that the ICAO Regional Office may: a) make specific suggestions in regard to the duplicated 5LNC; or b) take appropriate actions if coordination between concerned States is not able to result in an agreed action	ICAO APAC Office	State Letter	October 2014	COMPLETE SL T3/10.0 - AP138/15 (ATM) dated 25 Sept 2014	Supported, ANC to request greater focus on this issue
C 25/17 A & B	ICARD ATS Route Designators Function Access	That, taking into consideration the rising demand for ATS route designators, resulting from airspace capacity and efficiency changes and implementation of PBN routes and airspace, ICAO be requested to takes steps to develop the ATS Route Designators function in the ICARD application and provide Asia/Pacific ICARD 5LNC MANAGERS and ICARD 5LNC PLANNERS with access to it.	ICAO APAC Office	IOM to HQ	October 2014	COMPLETE IOM to HQ T3/10.00:AP-ATM0148/14 dated 26 Sept 2014	Supported, ANC to request that the ICARD application be upgraded to include the ATS Route designator function.

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<p>C 25/18 A & B</p>	<p>Cospas-Sarsat Alert Responses</p>	<p>That, considering the importance of effective Cospas-Sarsat alerting and monitoring supporting the international Search and Rescue (SAR) system, States be urged to:</p> <p>a) consider becoming formally associated with the Cospas-Sarsat system;</p> <p>b) provide up-to-date SAR Point of Contact (SPOC) details to Cospas-Sarsat, and respond promptly to SPOC communications tests;</p> <p>c) promote registration of 406 MHz distress beacons and make use of the free International Beacon Registration Database (IBRD) facility unless the State has its own readily available registration system;</p> <p>d) support a simplified, serialised beacon unique identification coding system for next generation beacons;</p> <p>e) ensure the provision of immediate access by Rescue Coordination Centres (RCCs) to the 406 MHz distress beacon registration data, whether maintained by the State or the Cospas-Sarsat IBRD; and</p> <p>f) provide post-alert advisories to Cospas-Sarsat on all alert outcomes as soon as practicable as a performance and system improvement measure.</p>	<p>ICAO APAC Office</p>	<p>State Letter</p>	<p>October 2014</p>	<p>COMPLETE</p> <p>SL T3/10.0 - AP142/15 (ATM) dated 25 Sept 2014</p>	<p>Supported, ANC to recommend to Council that all regions adopt a similar conclusion if they have not already done so.</p>

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C 25/19 A & B	Personal Locator Beacon	That, considering the development of miniaturised Personal Locator Beacons (PLBs) being increasingly carried on persons, marine vessels and aircraft, the possible overload of alerting systems and RCCs, and the obligation of States to respond to safety alerts, ICAO in cooperation with the IMO, be urged to consider means of effectively managing PLB alerts.	ICAO APAC Office	State Letter	October 2014	COMPLETE SL T3/10.0 - AP142/15 (ATM) dated 25 Sept 2014	Supported, ANC to recommend that ICAO, in cooperation with the IMO, be urged to consider means of effectively managing PLB alerts.
C 25/20 A & B	Global SAR Coordination	That, considering the need for global and inter-regional Search and Rescue (SAR) coordination, ICAO be urged to: a) consider securing the necessary technical resources for managing global SAR policy development and inter-regional coordination; and b) include SAR as part of the Aviation System Block Upgrades (ASBU).	ICAO APAC Office	IOM to ICAO HQ	October 2014	COMPLETE IOM to HQ T3/10.00:AP-ATM0149/14 dated 26 Sept 2014	Supported, ANC to acknowledge commitment of Australia to provide a seconded expert.

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D 25/21 A & B	Search and Rescue (SAR) Library	That, States be urged to utilise the SAR Library located at http://www.uscg.mil/hq/cg5/cg534/SAR_Manuals.asp .	ICAO APAC Office	State Letter	October 2014	COMPLETE SL T3/10.0 - AP142/15 (ATM) dated 25 Sept 2014	Noted
C 25/22 A & B	Provision of MH370 Feedback	In accordance with Annex 12, Recommendation 5.9.2, that: a) Asia/Pacific States/Administrations involved in the SAR response to MH370 be urged to develop any lessons learned and suggestions for improvement for submission to the APSAR/TF/3 meeting, scheduled for 25-29 January 2015; and b) ICAO and IMO be urged to consider lessons learned and feedback in order to update global SAR standards and guidance material.	ICAO APAC Office ICAO/IMO	1. State Letter 2. IOM to HQ 3. Letter to IMO	1. October 2014 2. October 2014 3. October 2014	COMPLETE SL T3/10.0 - AP142/15 (ATM) dated 25 Sept 2014 IOM to HQ, IMO informed at APSAR/TF/3 T3/10.00:AP-ATM0149/14 dated 26 Sept 2014	Noted
C 25/23 A & B	Data Link Implementation Strategy Guidance	That, the Data Link Implementation Strategy Guidance Material appended as Attachment A to APANPIRG/25/WP08 be adopted as guidance material for States/Air Navigation Service Providers and made available on the ICAO Asia/Pacific Regional Office Website (www.icao.int/apac).	ICAO APAC Office	1. Update ICAO website 2. State Letter	1. October 2014 2. October 2014	COMPLETE SL T3/10.0 - AP139/15 (ATM) dated 25 Sept 2014	Noted

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C 25/24 A & B	Contact Details for Airspace User Reporting of ADS-C/CPDLC Problems to ANSPs	That, States be urged to provide, and promulgate in their AIP, a point of contact for airspace users to report Automatic Dependent Surveillance-Contract/Controller Pilot Data-link Communications (ADS-C/CPDLC) problems to the State/Air Navigation Service Provider (ANSP).	ICAO APAC Office	State Letter	October 2014	COMPLETE SL T3/10.0 - AP139/15 (ATM) dated 25 Sept 2014	Noted
C 25/25 A & B	Submission of FPLs as Traffic Sample Data (TSD)	That, Asia/Pacific States that do not have an automated TSD generation capability be urged to consult with the appropriate Regional Monitoring Agency (RMA) and if agreed, submit their raw Flight Plan (FPL) messages to the appropriate RMA, instead of conventional TSDs.	ICAO APAC Office	State Letter	October 2014	COMPLETE SL T3/10.0 - AP141/15 (ATM) dated 25 Sept 2014	Noted
C 25/26 A & B	Flights in RVSM Airspace by non-approved State Aircraft	That, Asia/Pacific States be urged to ensure close cooperation between civilian and military authorities, so that all RVSM operational requirements are clearly understood and complied with by State aircraft.	ICAO APAC Office	State Letter	October 2014	COMPLETE SL T3/10.0 - AP141/15 (ATM) dated 25 Sept 2014	Noted
C 25/27 A & B	AN- Conf/12 Recommendations	That, the regional response to the Recommendations of the AN-Conf/12, in APANPIRG/25/WP09/Appendix A and flimsy 2 be adopted as guidance for consideration by the States.	ICAO APAC Office	State letter	November 2014	COMPLETE T 8/9.1:AP165/ 14 (CNS) 03 December 20 14	Noted

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C 25/28 A & B	AMHS Naming Registration Procedure and Form	<p>That, the States/Administrations be urged to follow the AMHS Naming Registration procedure as follows:</p> <p>a) The AMC Network Inventory Form and the Major Change Form - Pro forma for modification of AMHS MD Identifier and/or Addressing Scheme, provided in the APANPIRG/25/WP09 Appendix E1 and Appendix E2 be used;</p> <p>b) The Asia/Pacific AMHS Naming Registration Form no longer be used; and</p> <p>c) For NSAP addresses in AMC Information Form, insert a value of “91” for byte 5 of an NSAP address following instruction given in the Third Edition of the ASIA/PAC ATN Network Service Access point (NSAP) Addressing Plan.</p>	ICAO APAC Office	State letter	October 2014	<p>COMPLETE</p> <p>T 8/2.11, T 8/2.13 & T 8/10.10:AP15 0114 (CNS)</p> <p>09 October 2014</p>	Noted
C 25/29 A & B	Proposal for Amendment to the Regional Air Navigation Plan FASID CNS Tables	That, Table CNS 1A, Table CNS 1B and Table CNS 1C of Regional ANP (Doc 9673 Vol. II) be amended in accordance with the established procedure based on information provided in APANPIRG/25/WP09 Appendices F, G and H.	ICAO APAC Office	Tables CNS 1A, Table CNS 1B and Table CNS 1C of Regional ANP (Doc 9673 Vol. II) published on ICAO APAC website	October 2014	<p>COMPLETE</p> <p>APAC 15/05 AP018/15 (CNS)</p> <p>APAC 15/06 AP019/15 (CNS)</p> <p>APAC 15/07 AP020/15 (CNS)</p> <p>PfA dated 03 February 2015</p>	Noted

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C 25/30 A & B	Change of AMHS/SITA Interconnection Architecture	That, States/Administrations concerned in the APAC Region consider coordination with SITA for upgrading those existing interconnection between ANSPs and SITA using AMHS/SITA Interconnection Architecture Document provided in APANPIRG/25/WP09 Appendix I.	ICAO APAC Office	State letter	October 2014	COMPLETE T 8/2.11, T 8/2.13:AP157/14 (CNS) 10 Nov. 14	Noted
C 25/31 A & B	CRV (Common Regional VPN Task Force) Cost Benefit Analysis	That, the 1st iteration of the CRV Cost Benefit analysis provided in APANPIRG/25/WP09 Appendix J be adopted and distributed to States/Administrations for their reference	ICAO APAC Office	State letter	September 2014	COMPLETE T 8/2.11 & T 8/10.21:AP153/14 (CNS) 05 November 2014	Noted
D 25/32 A & B	Terms of Reference of the APAC Aeronautical Common Regional VPN Task Force (CRV TF)	That, the Terms of Reference of the APAC Aeronautical Common Regional VPN Task Force (CRV TF) at APANPIRG/25/WP09 Appendix L be adopted.	ICAO APAC Office	State letter	October 2014	COMPLETE T 8/2.11 & T 8/11.21:AP149/14 (CNS) 13 October 20 14	Noted, ANC urges the PIRG to ensure the ICD takes account of future concepts such as SWIM and FF-ICE

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C 25/33 A & B	CRV Concept of Operations (CONOP)	That, a) the initial Concept of Operation (CONOP) for the APAC CRV provided in APANPIRG/25/WP09 Appendix M be adopted as version 1; and b) States/Administrations be urged to consider the initial Concept of Operations for the APAC CRV.	ICAO APAC Office States	State letter Concept of Operations for the APAC CRV commented	September 2014 December 2014	COMPLETE T 8/2.11 & T 8/10.21:AP1 49/14 (CNS) 13 October 2014	Noted
C 25/34 A & B	Aeronautical Common Regional Virtual (CRV) Private Network in APAC Stage I	That, a) Considering the number of States/Administrations (Australia, Fiji, France, Hong Kong China, India, Japan, Macao China, Malaysia, New Zealand, Philippines, Singapore, Thailand, and USA) that expressed interest to date (10 September 2014) to be Pioneer Parties and sign the MSA; b) Considering the favorable Cost Benefit for CRV operations as a major enabler for achieving GANP 4th edition roadmap; i) The Management Service Agreement (MSA) provided in APANPIRG/25/WP09, flimsy 1, Appendix B be adopted, pending some finer adjustments; ii) States/Administrations in APAC Region which have not expressed interest be urged to	1. ICAO APAC Office 2. States	1. State Letter 2. Sign the MSA before 15 December 2014, plan a provisional budget of USD20,000 with the view of funding on an equal basis the cost of TCB services in Stage 1 of the CRV project and transfer the necessary funds to ICAO TCB for its services before 31 January 2015	October 2014 January 2015	COMPLETE T 8/2.11 & T 8/10.21:AP15 3/14 (CNS) 05 November 2014 January 15 : 16 States signed the MSA	Noted

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		<p>become Pioneer Parties before 14 November 2014 or join for Stage 2;</p> <p>iii) States/Administrations sign the MSA before 15 December 2014 and transfer the necessary funds to ICAO TCB for its services before 31 January 2015.</p> <p>iv) CRV Pioneer States be recommended to plan a provisional budget of USD20,000 with the view of funding on an equal basis the cost of TCB services in Stage 1 of the CRV project.</p>					
C 25/35 A & B	Adoption of Pan Regional ICD for AIDC	That, the Pan Regional ICD for AIDC provided in APANPIRG/25/WP09, Appendix O , be adopted as Version 1.0 serving as regional guidance for AIDC implementation in the APAC and NAT Regions.	ICAO APAC Office	State letter Pan Regional ICD for AIDC published on ICAO APAC website	October 2014	COMPLETE T /3.5:AP163 /14 (CNS) 25 November 2014	Noted
D 25/36 A & B	Dissolving Inter-regional AIDC Task Force	That, once Version 1 of the PAN Inter-regional ICD for AIDC is adopted by both APAC and NAT Regions, the Inter-regional AIDC Task Force established through NAT SPG Conclusion 48/28 and APANPIRG Conclusion 23/20 be dissolved	ICAO APAC Office	State letter	November 2014	COMPLETE T /3.5:AP163 /14 (CNS) 25 November 2014	Noted

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D 25/37 A & B	AIDC Implementation Task Force	That, the AIDC Implementation Task Force be established with Terms of Reference provided in APANPIRG/25/WP09, Appendix D .	ICAO APAC Office	State letter	December 2014	COMPLETE T 3.5:AP008/15 (CNS) 20 January 2015	Noted
C 25/38 A & B	Harmonization for AIDC Implementation	That, States/Administrations in the APAC Region be urged to share their implementation plans and experiences with concerned States for an expeditious AIDC implementation in a harmonized and timely manner.	ICAO APAC Office	State letter	December 2014	COMPLETE T 3.5:AP008/15 (CNS) 20 January 2015	Noted
C 25/39 A & B	Navigation Strategy for the Asia/Pacific Region	That, the revised navigation strategy provided in APANPIRG/25/WP09, Appendix Q be adopted for the Asia/Pacific Region.	ICAO APAC Office	Revised navigation strategy published on ICAO APAC website	September 2014	COMPLETE T8/4.13:AP148/14 (CNS) 02 October 2014	Noted
C 25/40 A & B	Revised ADS-B Implementation and Guidance Document	That, the revised ADS-B Implementation and Guidance Document (AIGD) provided in APANPIRG/25/WP09, Appendix T (including T2) be adopted.	ICAO APAC Office	Revised ADS-B Implementation and Guidance Document (AIGD) published on ICAO APAC website	September 2014	COMPLETE T 8/10.21 :AP146/14 (CNS) 01 October 2014	Noted
C 25/41 A & B	Flight Plan Item 10 ADS-B Indicators	That, ICAO be invited to consider to amend relevant contents in Doc 4444 PANS/ATM Appendix 2 (A2-7) and Appendix 3 (A3-13) as	ICAO APAC Office	IOM to HQ	January 2015	COMPLETE ANC asked Secretariat to	Noted

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		<p>shown below:</p> <ul style="list-style-type: none"> o E Transponder — Mode S, including aircraft identification, pressure-altitude and extended squitter (ADS-B out) capability o L Transponder — Mode S, including aircraft identification, pressure-altitude, extended squitter (ADS-B out) and enhanced surveillance capability o B1 ADS-B with dedicated 1 090 MHz ADS-B “out” capability using 1 090MHz extended squitter. o B2 ADS-B with dedicated 1 090 MHz ADS-B “out” and “in” capability using 1 090MHz extended squitter. <p>- In this recommended amendment, there was duplication of indication of ADS-B carriage for aircraft where the Mode S transponder was the transmission device.</p> <p>- This recommendation would be unlikely to require significant changes to ATM systems; the descriptors were unchanged but their interpretation was clarified. Some adaptation changes could be required where ANSPs were currently using the descriptors as triggers for system processing such as controller HMI indications.</p>				<p>follow up. IOM reminder sent on 1 April 15</p> <p>Action by HQ- ADS_B indicators in Item 10 of the ICAO Flight Plan will be reviewed with the expectation that any amendments will become applicable in Nov 2018.</p>	

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		- Changes to flight planning systems would be required in cases where the text associated with each descriptor was provided for pilot reference and to individual States' AIP where ICAO DOC 4444 flight planning requirements were repeated.					
C 25/42 A & B	Regulations for Compliance of ADS-B Transmissions	That, States be urged to implement regulations to give effect to Regional Supplementary Procedure Serial APAC-S12/10 – MID/Asia 5-3 to ensure that all aircraft transmitting ADS-B are compliant with the standards.	ICAO APAC Office APAC States	State letter Regulations implemented	October 2014 June 2015	COMPLETE T8/10.21:AP 158/14 (CNS) 13 November 2014	Noted
C 25/43 A & B	Promote Understanding of SWIM in APAC Region	That, recognizing SWIM as a building block of ASBU Block 1 and 2 modules, ICAO be invited to promote understanding of SWIM through organizing seminars/workshops with focus on both technical and operational aspects for SWIM development in the Asia Pacific Region.	ICAO APAC Office	Organized seminars/workshops with focus on both technical and operational aspects for SWIM development in the Asia Pacific Region	June 2016	IN PROGRESS	Noted
D 25/44 A & B	APANPIRG Performance-based Navigation Implementation Coordination Group (PBNICG)	That, the APANPIRG Performance-based Navigation Implementation Coordination Group (PBNICG) be established and its Terms of Reference provided in Appendix A be adopted.	ICAO APAC Office	State letter	November 2014	COMPLETE RT3/5- AP169/14 (RSO) 15 Dec.14	Noted

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Conclusion/ Decision No --- Strategic Objective*	Title of Conclusion/Decision	Text of Conclusion/Decision	Responsibility	Deliverable	Target date	Status as of 15 August 2015	Action by ANC
C 25/45 A & B	Improvement of OPMET data format	<p>That, ICAO urges States to:</p> <p>a) Ensure full implementation of the applicable Standards and Recommended Practices in Annex 3 with respect to the format of OPMET information; and</p> <p>b) Establish and implement necessary systems to provide for the quality management of the OPMET information, which should include verification, validation and monitoring to assure that the OPMET information complies with the stated requirements.</p> <p>Notes:</p> <p>i) IATA requested States to ensure the percentage of OPMET issued with formatting errors should be limited to less than 3%; and</p> <p>ii) all OPMET provided should be made available to the SADIS and WIFS gateways in accordance with provisions in FASID Table MET 2A and the Regional SIGMET Guide.</p>	ICAO APAC Office	State letter	4 th quarter 2014	COMPLETE T 4/3.2.6: AP030/15 (MET), 16/02/2015	Noted

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APANPIRG/25 Conclusions/Decisions – Action Plan

Conclusion/ Decision No --- Strategic Objective*	Title of Conclusion/Decision	Text of Conclusion/Decision	Responsibility	Deliverable	Target date	Status as of 15 August 2015	Action by ANC
<p>C 25/46 A & B</p>	<p>Improvement of OPMET Data Availability for Aerodromes Listed in ANP FASID Table MET 2A</p>	<p>That, the ICAO be invited to urge APAC States to:</p> <p>a) continue efforts to improve the availability of OPMET data for aerodromes listed in FASID Table MET 2A;</p> <p>b) ensure all OPMET data for aerodromes listed in AOP Tables, and for aerodromes not listed in AOP Tables, in FASID Table MET 2A, is distributed to SADIS and WIFS Provider States via Regional OPMET Data Banks (RODB); and</p> <p>c) ensure only one type of TAF is issued and transmitted from aerodromes.</p> <p>Notes:</p> <p>i) IATA's requirements with respect to availability of OPMET (METAR and TAF) are 95% [90%] for all aerodromes listed in AOP Tables [not listed in AOP Tables] in FASID Table MET 2A; and</p> <p>ii) IATA's requirements with respect to the period of availability and validity of TAF are FT, i.e., F – Full (OPMET data as listed issued for the aerodrome all through the 24-hour period), and T (Requirement for 18/24-hour validity aerodrome forecasts in TAF code).</p>	<p>ICAO APAC Office</p>	<p>State letter</p>	<p>4th quarter 2014</p>	<p>COMPLETE</p> <p>T 4/3.2.6: AP030/15 (MET), 16/02/2015</p>	<p>Noted</p>

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Conclusion/ Decision No --- Strategic Objective*	Title of Conclusion/Decision	Text of Conclusion/Decision	Responsibility	Deliverable	Target date	Status as of 15 August 2015	Action by ANC
D 25/47 A & B	Establishment of a Volcanic Ash Exercises Steering Group in the APAC Region	That, an APAC volcanic ash exercises steering group be established under the MET Sub-Group and in coordination with the ATM Sub-Group with the preliminary terms of reference and composition provided in the revised Attachment C to WP/10 to organize and conduct volcanic ash exercises in the APAC Region.	ICAO APAC Office	Steering group established	4 th quarter 2014	COMPLETE Manila Philippines	Noted
C 25/48 A & B	APAC MET/ATM Seminar	That, the ICAO and Japan be invited to conduct a MET/ATM seminar in Tokyo in 2015, in coordination with the WMO.	ICAO and Japan	Conducted MET/ATM seminar	29/06/2015 to 03/07/2015 Tokyo	COMPLETE	Noted
C 25/49 A & B	Update of ATM/AIS/SAR, AOP, CNS and MET Deficiency List	That, the list of air navigation deficiencies reported and identified in ATM/AIS/SAR, AOP, CNS and MET Deficiency List be updated as detailed in Appendices A to D to APANPIRG Working Paper 11.	ICAO APAC Office	Updated deficiency list	January 2015	COMPLETE SL AN 3/3- AP013/15 dt 22/1/2015	Noted

APPENDIX A

APANPIRG/25 Conclusions/Decisions – Action Plan

Conclusion/ Decision No --- Strategic Objective*	Title of Conclusion/Decision	Text of Conclusion/Decision	Responsibility	Deliverable	Target date	Status as of 15 August 2015	Action by ANC
<p>D 25/50 A & B</p>	<p>APANPIRG Contributory Bodies Structure Review Task Force (ABSRTF)</p>	<p>That, a) The APANPIRG Contributory Bodies Structure Review Task Force with members consisting of Chairpersons/Vice Chairpersons of APANPIRG Contributory Bodies (Sub-groups, Working Groups and Task Forces) and voluntary members nominated by States be established with the Terms of Reference presented in Appendix B to this section of the report; and b) In coordination with the ICAO Regional Office, the Task Force undertakes a review of the Terms of Reference and activities of the APANPIRG Contributory Bodies and proposes rationalization of the APANPIRG structure to meet the changing environment to APANPIRG/26.</p>	<p>APANPIRG ABSRTF</p>	<p>ABSRTF established Working paper prepared with proposals for APANPIRG/26 consideration</p>	<p>December 2014 22-23 May 2015</p>	<p>COMPLETE Letter AN 3/3 – AP130/14 (AGA) 18 Sept. 2015</p>	<p>Noted</p>
<p>C 25/51 A & B</p>	<p>Consultation with Airspace Users on ANS Charges</p>	<p>That, States be encouraged to adopt the principles of transparency and consultation with airspace users on ANS charges in accordance with Assembly Resolution A 38-14 and as endorsed in ICAO Doc 9082 and Doc 9161.</p>	<p>ICAO APAC Office</p>	<p>State Letter</p>	<p>February 2015</p>	<p>COMPLETE SL AN3/3- AP012/15 dated 22/1/2015</p>	<p>Noted</p>