



## INTERNATIONAL CIVIL AVIATION ORGANIZATION

**TWENTY FIFTH MEETING OF THE  
ASIA/PACIFIC AIR NAVIGATION PLANNING AND  
IMPLEMENTATION REGIONAL GROUP (APANPIRG/25)**

Kuala Lumpur, Malaysia, 8 – 11 September 2014

**Agenda Item 1: Follow-up on the Outcome of APANPIRG/24 Meeting**
**1.2: Review status of implementation of APANPIRG/24  
Conclusions and Decisions**
**STATUS OF IMPLEMENTATION OF APANPIRG/24  
CONCLUSIONS AND DECISIONS**

(Presented by the Secretariat)

**SUMMARY**

This paper presents the follow-up action taken by ICAO and States on the APANPIRG/24 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/25

**1 INTRODUCTION**

1.1 APANPIRG/24 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/24 adopted 45 Conclusions and 14 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 59 items listed; action has been taken to close/complete 44 Conclusions and 12 Decisions. Action on the remaining 1 Conclusion and two Decisions are on-going.

**3. ACTION BY THE MEETING**

3.1 The meeting is invited to:

- a) note the progress made on the APANPIRG/24 Conclusions and Decisions as given in **Appendix A** to this paper; and
- b) review and propose further action.

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APANPIRG/24 Conclusions/Decisions – Action Plan

Conclusion/ Decision No --- Strategic Objective*	Title of Conclusion/Decision	Text of Conclusion/Decision	Responsibility	Deliverable	Target date	Status as of 31 March 2014	Action agreed by ANC
D 24/1  A & C	<b>Regional Priorities and Targets for Air Navigation</b>	That APANPIRG  a) establish, consistent with Recommendations 6/1 and 6/12 of the AN-Conf/12, priorities and targets for air navigation by May 2014;  b) utilize specific interface groups, where required, for addressing the harmonization of air navigation plans in adjacent areas of APANPIRG; and  c) coordinate with APAC-RASG to ensure consistency of action and avoid overlap.	APANPIRG	Regional Priorities and Targets established	May 2014        Coordination meeting scheduled on 9 <sup>th</sup> September	COMPLETE       COMPLETE	To note
C 24/2 A & C	<b>Establishing Regional Priorities and Targets</b>	That, following the PIRG- RASG Global Coordination meeting held in March 2013 APANPIRG/24 invited the Chairpersons of ATM, RASMAG, CNS, and MET sub groups to establish regional priorities and targets for the APAC Region in alignment with the GANP and APAC Seamless ATM Plan by December 2013 in order to facilitate submission to ICAO by May 2014	ICAO APAC Office  Chairperson of ATM, CNS, RASMAG & MET	State Letter  Regional Priorities and Targets established	September 2013    December 2013	COMPLETE AGA013/13 1 AUG 2013   COMPLETE	To note

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Conclusion/ Decision No --- Strategic Objective*	Title of Conclusion/Decision	Text of Conclusion/Decision	Responsibility	Deliverable	Target date	Status as of 31 March 2014	Action agreed by ANC
C 24/3  A & C	<b>Regional and Global Air Navigation Reporting</b>	That States:  a. support the plan for an online Regional Performance Dashboard in March 2014 and annual Global Air Navigation Report in April 2014;  b. provide requisite information to the ICAO Regional Office, Bangkok to demonstrate operational improvements; and  c. establish, if not yet done so, a performance measurement strategy that comprises of data compilation, processing, storage and reporting for the identified regional performance metrics for the air navigation systems.	ICAO APAC Office  APAC States	State Letter	November 2013	COMPLETE AN 3/3 – AP113/13 (AGA) dated 2 August 2013	To note
C 24/4 A & C	<b>Follow-up to AN-Conf/12 Recommendations by States and International Organizations</b>	That, the States and International Organizations, on the basis of analysis contained in the Appendix A to Report on Agenda Item 2, takes follow-up action as appropriate on the applicable recommendations of the AN-Conf/12	ICAO APAC Office	State Letter	November 2013	COMPLETE AN 3/3 – AP112/13 dated 2 August 2013	To note
D 24/5 A & C	<b>Follow-up to AN-Conf/12 Recommendations by APANPIRG</b>	That the subgroups of APANPIRG study the recommendations of the AN-Conf/12, initiate appropriate follow-up actions and submit a report on the outcomes of these actions to APANPIRG/25.	ICAO APAC Office  APANPIRG Sub Groups	State Letter	August 2013	COMPLETE AN 3/3 – AP112/13 dated 2 August 2013  WP for APANPIRG/25 prepared.	To note

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Conclusion/ Decision No --- Strategic Objective*	Title of Conclusion/Decision	Text of Conclusion/Decision	Responsibility	Deliverable	Target date	Status as of 31 March 2014	Action agreed by ANC
C 24/6 A & C	<b>Airfield Pavement</b>	That, ICAO be invited to provide the definition of 'unrestricted operations' in the ACN-PCN guidance material and the level of traffic for operation of an aircraft to be considered as overload or normal.	ICAO APAC Office	IOM to HQ	September 2013	COMPLETE AN 3/3 – AP- AGA0134/13 dated 14 August 2013	To consider as a new work item (issue Job- card)
C 24/7 A & C	<b>Establishment of Runway Safety Team at Airports</b>	That, States in APAC Region establish Runway Safety Teams comprising all the stakeholders at their airports and Runway Safety Programmes should address the mitigation measures in a timely manner taking into RASG activities and report the action taken to Regional Office.	ICAO APAC Office  States	State Letter  Report establishe nt of RST	September 2013	COMPLETE AN 3/3 – AP117/13 (AGA) dated 6 August 2013	To note
C 24/8 A & C	<b>Minimum Vertical Clearance between Aircraft and an Object on aircraft stands;</b>	That ICAO be invited to:  i) carry out studies based on the best practices followed at airports worldwide and develop guidance for parking low height equipment in-between the aircraft stands; and  ii) carry out feasibility studies regarding the provision of guidance for minimum vertical clearances between an aircraft and an object on aircraft stands.	ICAO APAC Office	IOM to HQ	October 2013	COMPLETE AN 3/3 – AP- AGA0138/13 dated 6 September 2013	To consider as a new work item (issue Job- card)
C 24/9 A & C	<b>Review of SARPS on Obstacle Limitation Surfaces (OLS)</b>	That, recognizing the advancement of air navigation systems and the need for land use optimization around aerodromes, ICAO be invited to review the OLS requirements.	ICAO APAC Office	IOM to HQ	October 2013	COMPLETE AN 3/3 – AP- AGA0139/13 dated 9 September 2013	To consider addressed by Job-card AP005

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Conclusion/ Decision No --- Strategic Objective*	Title of Conclusion/Decision	Text of Conclusion/Decision	Responsibility	Deliverable	Target date	Status as of 31 March 2014	Action agreed by ANC
D 24/10  A & C	AOPWG Task List	That the AOPWG Task List contained in <b>Appendix A</b> to the Report on Agenda item 3.1 be adopted as the current work programme for the AOPWG of APANPIRG.	ICAO APAC Office	State Letter	October 2013	COMPLETE AN 3/3 – AP142/13 (AGA) 30 Sept 2013	To note
C 24/11 A & C	Reliance on FPL and ATS Message Converters	<p>That, considering the airspace capacity, efficiency and safety benefits intended by the full implementation of PANS/ATM Amendment 1 changes, States are urged to:</p> <p>a) report to the ICAO Asia/Pacific Regional Office the:</p> <p>i. current status of ATM automation and conversion systems; and</p> <p>ii. planned date of implementation of full capability to process NEW format FPL and ATS messages without conversion; and</p> <p>b) where converters are utilized, upgrade ATM Automation and supporting systems to fully support Amendment 1 changes without using converters.</p>	ICAO APAC Office	State Letter	July 2013	COMPLETE Ref. T 3/10.0 – AP085/13 (ATM)	To consider addressed by briefing to be provided in 195 <sup>th</sup> session
D 24/12  A & C	Dissolution of the FPL&AM Implementation Task Force	That, considering the successful implementation of Amendment 1 to the Fifteenth Edition of ICAO Doc 4444 (PANS/ATM), the Asia/Pacific Flight Plan and ATS Messages Implementation Task Force (FPL&AM/TF) be dissolved, and any on-going tasks be delegated to the ATM Sub-Group.	ICAO APAC Office	State Letter	July 2013	COMPLETE Ref. T 3/10.0 – AP085/13 (ATM)	To note

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Conclusion/ Decision No --- Strategic Objective*	Title of Conclusion/Decision	Text of Conclusion/Decision	Responsibility	Deliverable	Target date	Status as of 31 March 2014	Action agreed by ANC
C 24/13  A & C	<b>Air Traffic Flow Management Capacity Assessments</b>	That States be urged to establish capacity assessment and adjustment mechanisms, and regular review for all aerodromes and ATC sectors where traffic demand is expected to reach capacity, or is experiencing traffic congestion, and to report the assessment outcomes to the Asia/Pacific Regional Office prior to 1 May 2014.	1. ICAO APAC Office  2. States	1. State Letter  2. Report Capacity Assessment Outcomes	1. July 2013  2. May 2014	COMPLETE Ref. T 3/10.0 – AP088/13 (ATM)  COMPLETE	To note
C 24/14  A & C	<b>Air Traffic Flow Management Information Sharing</b>	That States, where ATFM processes are in place, including within adjacent airspace, be urged to share information, which may include:  a) capacity assessment: including factors of interest affecting capacity, such as special use airspace status, runway closures and weather information;  b) traffic demand information: which may include flight schedules, flight plan, repetitive flight plan data as well as associated surveillance updates of flight status; and  c) ATFM Daily Plan.	ICAO APAC Office	State Letter	July 2013	COMPLETE  Ref. T 3/10.0 – AP088/13 (ATM)	To note

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Conclusion/ Decision No --- Strategic Objective*	Title of Conclusion/Decision	Text of Conclusion/Decision	Responsibility	Deliverable	Target date	Status as of 31 March 2014	Action agreed by ANC
C 24/15  A & C	Asia/Pacific ATFM Steering Group	That, States participate in, and support the Asia/Pacific ATFM Steering Group to develop a common Regional ATFM framework, which addresses ATFM implementation and ATFM operational issues in the Asia/Pacific region.	1. ICAO APAC Office  2. States	1. State Letter  2. Participate at and support ATFM/SG/2	1. July 2013  2. October 2013	COMPLETE Ref. T3/10.0 AP080/13 (ATM)  COMPLETE	To note
C 24/16  A & C	South China Sea ATS Facilities	That the provision of surveillance and communications services in the South China Sea area, where radar, ADS-B and/or VHF voice communications are currently not provided, be reviewed by China, Hong Kong China, Malaysia, Philippines, Singapore and Viet Nam, to consider:  a) enhancement of current services;  b) delegation or amendment of airspace service volumes; and  c) cooperative agreements to exchange communications and surveillance capability.	ICAO APAC Office	State Letter	July 2013	COMPLETE  Ref. T 3/10.0–AP082/13 (ATM)	To note



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Conclusion/ Decision No --- Strategic Objective*	Title of Conclusion/Decision	Text of Conclusion/Decision	Responsibility	Deliverable	Target date	Status as of 31 March 2014	Action agreed by ANC
C 24/17 A & C	AIDC Implementation	<p>Recognizing that States implementing AIDC messaging may be doing so without previous knowledge or experience, and significant safety, ATC capacity and workload benefits arise from implementation of an appropriately selected initial suite of AIDC messages;</p> <p>States should:</p> <p>a) engage as soon as possible in AIDC trials to develop knowledge and address any related ATM or communications system issues;</p> <p>b) implement operational AIDC messaging as a matter of priority, in accordance with APANPIRG Conclusion 19/19; and</p> <p>c) implement as far as practicable, the AIDC messages Advanced Boundary Information (ABI), Coordinate Estimate (EST), Acceptance (ACP), Transfer of Control (TOC) and Assumption of Control (AOC).</p>	ICAO APAC Office	State Letter	July 2013	COMPLETE  Ref. T 3/10.0 – AP082/13 (ATM)	To note

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Conclusion/ Decision No --- Strategic Objective*	Title of Conclusion/Decision	Text of Conclusion/Decision	Responsibility	Deliverable	Target date	Status as of 31 March 2014	Action agreed by ANC
C 24/18  A & C	ATS Route Catalogue Version 12	That Version 12 of the Asia and Pacific Region ATS Route Catalogue, appended as <b>Appendix A</b> to the Report on Agenda Item 3.2 replace Version 11 on the Asia/Pacific Regional Office's web site.	ICAO APAC Office	State Letter  Updated ATS Route Catalogue  Uploaded V12 to the ICAO APAC web site.	July 2013          (Uploaded)	COMPLETE Ref. T 3/10.0– AP084/13 (ATM)	To note

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Conclusion/ Decision No --- Strategic Objective*	Title of Conclusion/Decision	Text of Conclusion/Decision	Responsibility	Deliverable	Target date	Status as of 31 March 2014	Action agreed by ANC
C 24/19 A & C	<b>Electronic AIP</b>	<p>That, considering that Electronic AIP (eAIP) is part of Phase 2 of the AIS-AIM Transition Roadmap, due for completion by 14 November 2013 to coincide with the publication of Amendment 37 to Annex 15, and that few Asia/Pacific States' internet-accessible eAIP as reported to ICAO Regional Office comply with the Annex 15 requirements for Integrated Aeronautical Information Packages, States are urged to:</p> <p>a) implement internet-accessible electronic AIP (eAIP) as soon as possible;</p> <p>b) ensure the eAIP has the unconditional authority of the State, without disclaimers referring to a separately published paper product;</p> <p>c) permit open access to the eAIP either without the need for registration or, if registration is required, access to eAIP is automatically and immediately available;</p> <p>d) provide the facility to register for an update/amendment notification service;</p> <p>e) ensure the eAIP complies with Annex 15 requirements for content and structure;</p> <p>f) report eAIP implementation and its internet hyperlink to the ICAO Asia/Pacific Regional Office; and</p> <p>g) having implemented internet-accessible eAIP, on receipt of advice from the ICAO Asia/Pacific Regional Office, discontinue the forwarding of paper or CD copies of AIP, AIP SUP, AIC and NOTAM Checklists to the Regional Office.</p>	ICAO APAC Office	State Letter	July 2013	COMPLETE  Ref. T 3/10.0 – AP081/13 (ATM)	To note that Reliable internet access was not globally available or assured and that sole reliance on electronic systems for such information as the AIP was risky

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Conclusion/ Decision No --- Strategic Objective*	Title of Conclusion/Decision	Text of Conclusion/Decision	Responsibility	Deliverable	Target date	Status as of 31 March 2014	Action agreed by ANC
C 24/20  A & C	<b>Basic Air Navigation Plan Amendment Procedure and Guidance for Submission of ATS Route Amendments</b>	That, to further improve the quality and processing time of proposals to amend ATS route information in the Basic Air Navigation Plan, the Doc 9673 Amendment Procedure provided on the Asia/Pacific website should be replaced with the Amendment Procedure and Guidance for Submission of ATS Route Amendments appended as Appendix E to the Report on Agenda Item 3.2.	ICAO APAC Office	State Letter  Uploaded Guidance Material amendment to the ICAO APAC web site.	July 2013	COMPLETE Ref. T 3/10.0 – AP084/13 (ATM)	To consider that the amendment procedure and guidance could be of global interest.
C 24/21  A & C	<b>Survey of Differences between States NOTAM Operations and Chapter 3 of the Guidance Manual for AIS in the Asia/Pacific Region - OPADD Edition 3.0</b>	That, recognizing the potential for inconsistencies in NOTAM format within the Asia Pacific Region, States should complete the OPADD Survey attached at Appendix F to the Report on Agenda Item 3.2 and forward the completed survey to the ICAO Asia/Pacific Office by 31 December 2013.	1. ICAO APAC Office  2. States	1. State Letter  2. Respond to State Survey	1. July 2013  2. December 2013	COMPLETE Ref. T 3/10.0 – AP081/13 (ATM)  COMPLETE	To note
C 24/22  A & C	<b>Search and Rescue Agreements</b>	Recognizing the difficulties of enacting Search and Rescue (SAR) Agreements, States should be urged to make arrangements for senior civil and military decision-makers to facilitate the implementation and maintenance of SAR Agreements as early as possible.	ICAO APAC Office	State Letter	July 2013	COMPLETE Ref. T 3/10.0 – AP087/13 (ATM)	To note
C 24/23  A & C	<b>Asia/Pacific SAR Contact List</b>	That, States should be urged to provide contact details of SAR managers or senior SAR staff who may respond in a timely manner to aeronautical non-emergency and administrative SAR matters to the Asia/Pacific Regional Office, for incorporation into an Asia/Pacific SAR Contact List.	ICAO APAC Office	State Letter	July 2013	COMPLETE Ref. T 3/10.0 – AP087/13 (ATM)	To note



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Conclusion/ Decision No --- Strategic Objective*	Title of Conclusion/Decision	Text of Conclusion/Decision	Responsibility	Deliverable	Target date	Status as of 31 March 2014	Action agreed by ANC
C24/25 A & C	<b>En-Route Monitoring Agency Role and Tasks</b>	<p>Considering the requirement for a defined process of monitoring airframe Required Communication Performance (RCP) and Required Surveillance Performance (RSP) compliance, and analysis of data-link performance affecting horizontal separation standards that utilise data-link, Asia/Pacific States should:</p> <p>a) in collaboration with RASMAG, assign an En-Route Monitoring Agency (EMA) for each FIR; and</p> <p>b) support the assigned EMA with the provision of information regarding -</p> <p>i. observed aircraft horizontal navigation performance; and</p> <p>ii. observed non-compliant data-link performance of individual aircraft; and</p> <p>iii. aircraft data-link approvals, and</p> <p>c) recognize the potential benefit of EMAs in providing risk analysis to support horizontal separation implementation.</p>	ICAO APAC Office	State Letter	July 2013	COMPLETE Ref. T 3/10.0 – AP086/13 (ATM)	To note

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Conclusion/ Decision No --- Strategic Objective*	Title of Conclusion/Decision	Text of Conclusion/Decision	Responsibility	Deliverable	Target date	Status as of 31 March 2014	Action agreed by ANC
C24/26  A & C	<b>Repetitive Non-RVSM Approved Aircraft Operating as RVSM Approved Flights</b>	That, Asia/Pacific States should, except where a specific non-RVSM operation is authorized, deny entry to operate within RVSM airspace for aircraft that have been confirmed as non-RVSM approved over a significant length of time, or by intensive checking.	ICAO APAC Office	State Letter	July 2013	COMPLETE  Ref. T 3/10.0 – AP086/13 (ATM)	To consider the need for a global solution to the issue of RVSM flights denied due either to lack of flight plan or approval, and for Council to note

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C24/27 A & C	<b>Prioritization of AIDC Implementation to Address LHDs</b>	<p>Considering that ATS Inter-facility Data Communications (AIDC) is an important means of minimizing Large Height Deviations (LHD), Asia/Pacific States should support the expedition of AIDC through collaborative projects at the following significant LHD interface areas:</p> <p>a) Indonesia: between Jakarta and Chennai/Ujung Pandang/Brisbane/Melbourne FIRs;</p> <p>b) India: between Chennai and Kuala Lumpur FIRs;</p> <p>c) Philippines: between Manila and Fukuoka/Taipei/Hong Kong/Ho Chi Minh/Singapore/Kota Kinabalu/ Ujung Pandang FIRs; and</p> <p>d) China: between – i. Urumqi and Lahore FIRs; and ii. Beijing and Ulaan Baatar FIRs.</p>	ICAO APAC Office	State Letter	July 2013	COMPLETE  Ref. T 3/10.0 – AP086/13 (ATM)	To note



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C 24/28 A & C	Timely implementation of ATN/AMHS	<p>That,</p> <p>a) States/Administrations hosting BBIS hubs be urged to review the feasibility and realize interim ATN connectivity using IDRPs prior to complete readiness of all the member States in the Region by 2014/15. This will realize early operational benefits of network resiliency and AMHS operations, particularly in the instances where incompatible versions of AMHS currently preclude AMHS connectivity;</p> <p>b) BBIS and BIS States/Administrations be urged to resolve bilateral issues on urgent basis paving the way for effective use of the network and thereby ensuring utilization of resources and the investment made by the States; and</p> <p>c) States hosting BIS nodes be urged to aggressively take up implementation of ATN/AMHS connectivity as per the Regional Plan to complete regional ATN/AMHS network in the whole APAC region by the end of 2015.</p>	ICAO APAC Office	State Letter	July 2013	COMPLETE  Ref. T 8/2.10 – AP107/13 (CNS) (29 Sept. 13)	To note
C 24/29 A & C	Interface Control Document for ATN IPS (IP V.4)	That, the ICD for ATN IPS (IP v.4) as provided in Appendix A to the Report on Agenda Item 3.4 be adopted as the regional guidance material.	ICAO APAC Office	State Letter Published GM on website	July 2013	COMPLETE  Ref. T 8/2.13 – AP097/13 (CNS) (12 Jul. 13)	To note

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Conclusion/ Decision No --- Strategic Objective*	Title of Conclusion/Decision	Text of Conclusion/Decision	Responsibility	Deliverable	Target date	Status as of 31 March 2014	Action agreed by ANC
C 24/30 A & C	XML Trial over ATN/AMHS	That, ICAO be invited to provide guidance on the requirements for end-user product/message in respect of XML coded NOTAM and OPMET messages.	ICAO APAC Office	IOM to HQ	December 2013	COMPLETE  IOM to HQ. Ref.: T 8/9.6:AP- CNS0114/13 (11 Oct. 13)	To request the advice of the Secretariat on an appropriate response to the request
D 24/31 A & C	Aeronautical Communication Services Implementation Coordination Group – (ACSICG)	That,  a) the name “ATN Implementation Coordination Group” be replaced by “Aeronautical Communication Services Implementation Coordination Group” and  b) the revised TOR of ACSICG provided in Appendix B to the Report on Agenda Item 3.4 be adopted.	ICAO APAC Office	WP to ATNICG/A CSICG	April 2014	COMPLETE State Letter T 8/2.11, T 8/10.21:AP03 0/14 (CNS) dated 17 February 2014  WP prepared for ACSICG	To note
D 24/32 A & C	Common Regional Virtual Private Network (VPN) Task Force	That, a Task Force with Subject Matter Experts (SME) be established to study the virtual private network and develop a detailed proposal by 2016. The Task Force reports the outcome of its study to APANPIRG through ACSICG and CNS SG.	ICAO APAC Office	State Letter	November 2013	COMPLETE  Ref.: T 8/2.11, T 8/10.21:AP12 7/13 (CNS) (21 Aug. 13)	To note

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Conclusion/ Decision No --- Strategic Objective*	Title of Conclusion/Decision	Text of Conclusion/Decision	Responsibility	Deliverable	Target date	Status as of 31 March 2014	Action agreed by ANC
D 24/33 A & C	APAC RCP/RSP Implementation Framework	That, APANPIRG Sub-groups include in their work program and implementation initiatives, consideration of the required communication performance (RCP) and required surveillance performance (RSP) framework.	APANPIRG SGs	Updated work programme of CNS SG and ATNICG	CNS SG and ACSICG notified. RCP/RSP included in the CNS SG work program. PBCS being considered for adoption at global level	In-progress	To note
C 24/34 A & C	Conclusion 24/34 – Adoption of Global Operational Data Link Document (GOLD) Edition 2	That, the Global Operational Data Link Document (GOLD) Edition 2 provided in Appendix D to the Report on Agenda Item 3.4 be adopted.	ICAO APAC Office	State Letter Posted on the APAC website	July 2013	COMPLETE Ref. T 8/4.13 – AP098/13 (CNS) (12 Jul. 13)	To note that the scheduled publication as a Doc is November 2014
C 24/35 A & C	Revised regional Aeronautical Mobile Service Strategy	That, the revised regional AMS strategy provided in Appendix E to the Report on Agenda Item 3.4 be adopted.	ICAO APAC Office	State Letter	August 2013	COMPLETE Ref. T 8/2.11 – AP121/13 (CNS) (15 Aug. 13)	To note

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Conclusion/ Decision No --- Strategic Objective*	Title of Conclusion/Decision	Text of Conclusion/Decision	Responsibility	Deliverable	Target date	Status as of 31 March 2014	Action agreed by ANC
C 24/36 A & C	RNAV Substitution for Conventional Instrument Flight Procedures	<p>That, considering the intent of US AC 90-108 and issues concerning the application of GNSS capability for aircraft flying conventional instrument flight procedures:</p> <p>a) Asia/Pacific States should publish material that:</p> <p>i) includes approval for authorized operators with the appropriate RNAV capability to include the listing of conventional navigation aids in flight plans, provided the operator has approval for navigation aid substitution and an appropriate, up-to-date database;</p> <p>ii) includes acceptance of navigation substitution approvals of foreign States; and</p> <p>iii) supports ATC separation standards for navigation aid substitution; and</p> <p>b) ICAO HQ be invited to:</p> <p>i) expedite development of global navigation aid substitution provisions; and</p> <p>ii) review the current Flight Plan contents to consider the listing of aircraft navigation capabilities rather than the listing of specific equipment carried (revisions should include the addition of Item 18 PBN codes for navigation specifications not currently included).</p>	ICAO APAC Office	State letter	September 2013	COMPLETE  Ref. T 8/4.13 – AP148/13 (CNS) (10 Oct. 13)	To note that development of provisions is in hand
				IOM to HQ	November 2013	COMPLETE IOM to HQ. Ref.: T 8/9.6:AP- CNS0114/13 (11 Oct. 13)	

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C 24/37 A & C	<b>New PBN Navigation Specifications</b>	<p>Considering that the RNP2, RNP0.3 and Advanced RNP Navigation Specifications were to be significantly valuable for future planning, ICAO be urged to:</p> <p>a) expedite standards and guidance associated with these navigation specifications;</p> <p>b) provide adequate training material and courses to enable effective implementation; and</p> <p>c) expedite the development of procedure design standards in Doc 8168 for low RNP value missed approach and departure operations.</p>	ICAO APAC Office	IOM to HQ  Workshop on RNP2, RNP0.3 and Advanced RNP specification s;	December 2013  December 2014	COMPLETE  IOM to HQ. Ref.: T 8/9.6:AP-CNS0114/13 (11 Oct. 13)	To note that development of provisions is in hand
C 24/38 A & C	<b>PBN Procedures with Vertical Guidance</b>	That, given the difficulties that some States had with insufficient fleet capability for Baro-VNAV and no Space Based Augmentation System (SBAS), ICAO was urged to consider additional guidelines on alternative provisions to enable compliance so as to better align with the intent of Assembly Resolution A37-11 where practicable.	ICAO APAC Office	IOM to HQ	December 2013	COMPLETE  IOM to HQ. Ref.: T 8/9.6:AP-CNS0114/13 (11 Oct. 13)	To request the Secretariat provides more information on the issue
C 24/39 A & C	<b>Asia/Pacific Regional PBN Implementation Plan Ver. 4</b>	That, recognizing the need for alignment of PBN Strategies and Guidance Material, as well as development of the Asia/Pacific Seamless ATM Plan, the Asia/Pacific Regional PBN Implementation Plan Version 4.0, provided in Appendix F to the Report on Agenda Item 3.4 be adopted.	ICAO APAC Office	State Letter and posted on the APAC website	July 2013	COMPLETE  Ref. T 8/5.15 – AP101/13 (CNS) (18 Jul. 13)	To note

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Conclusion/ Decision No --- Strategic Objective*	Title of Conclusion/Decision	Text of Conclusion/Decision	Responsibility	Deliverable	Target date	Status as of 31 March 2014	Action agreed by ANC
D 24/40 A & C	Dissolution of the PBN Task Force	That, the Performance-based Navigation Task Force (PBN/TF) be dissolved.	ICAO APAC Office	State Letter	July 2013	COMPLETE  Ref. T 8/5.15 – AP105/13 (CNS) (29 Jul. 13)	To note
C 24/41 A & C	Navigation Strategy for the Asia/Pacific Region	That, the revised navigation strategy provided in Appendix G to the Report on Agenda Item 3.4 be adopted for the Asia/Pacific Region.	ICAO APAC Office	State Letter	August 2013	COMPLETE  Ref. T 8/4.13 – AP122/13 (CNS) (15 Aug. 13)	To consider if this might be of interest to other regions, and for consideration by the MET section in ICAO HQ
C 24/42 A & C	Timeframe for Data-sharing in the Bay of Bengal Sub-region	That, States concerned be urged to consider the timeframe established for data-sharing in the Bay of Bengal Sub-region as provided in Appendix H to the Report on Agenda Item 3.4.	ICAO APAC Office	State Letter	August 2014	COMPLETE  Ref.T8/10.21 -AP130/13 (CNS) (26 /8/2013)	To note

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Conclusion/ Decision No --- Strategic Objective*	Title of Conclusion/Decision	Text of Conclusion/Decision	Responsibility	Deliverable	Target date	Status as of 31 March 2014	Action agreed by ANC
C 24/43 A & C	<b>Processing altitude information in ADS-B Message</b>	That, States/Administrations implementing ADS-B based surveillance services be urged to be fully aware of the safety implications and difference between geometric and barometric altitude. Geometric altitude information shall not be displayed on ATC displays used for the provision of air traffic services. States may choose to use geometric altitude in ATM systems for other purposes.	ICAO APAC Office	State Letter	July 2013	COMPLETE  Ref. T 8/10.21 – AP106/13 (CNS) (29/7/13)	To note
C 24/44 A & C	<b>Amendment to ADS-B Implementation and Operation Guidance Document (AIGD)</b>	That, the revised AIGD provided in Appendix I to the Report on Agenda Item 3.4 be adopted.	ICAO APAC Office	State Letter and Publish on the website	July 2013	COMPLETE Ref. T 8/10.21 – AP099/13 (CNS) (12/7/13)	To note
C 24/45 A & C	<b>Exchange ADS-B performance monitoring result</b>	That, States be encouraged to exchange findings/result of their ADS-B performance monitoring including experience gained in conducting the required performance monitoring.	ICAO APAC Office	State Letter	November 2013	COMPLETE State Letter T 8/10.21:AP06 2/14 (CNS) was issued on 10 April 2014	To note
C 24/46 A & C	<b>Need for adequate Logistics and Spares Support for ADS-B service</b>	That, States consider making maintenance arrangements including requirements for spares pool and/or maintenance contract for all ADS-B system acquisitions and existing systems already in operation if these arrangements do not yet exist.	ICAO APAC Office	State Letter	August 2013	COMPLETE Ref. T 8/10.21 – AP132/13 (CNS) (27/8/13)	To note

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Conclusion/ Decision No --- Strategic Objective*	Title of Conclusion/Decision	Text of Conclusion/Decision	Responsibility	Deliverable	Target date	Status as of 31 March 2014	Action agreed by ANC
C 24/47 A & C	<b>Surveillance Strategy for the Asia/Pacific Region</b>	That, the revised surveillance strategy for the Asia/Pacific Region provided in Appendix J to the Report on Agenda Item 3.4 be adopted.	ICAO APAC Office	State Letter	August 2013	COMPLETE Ref. T 8/4.13 – AP122/13 (CNS) (15/8/13)	To note
C 24/48 A & C	<b>Migration to WAFS gridded global forecasts in WMO GRIB Edition 2 code form as soon as possible</b>	<p>That, in view of the cessation of GRIB1 on 14 November 2013, States be invited to:</p> <p>a) urgently migrate to receiving, decoding and using the WAFS gridded global forecasts in WMO GRIB Edition 2 code form as soon as possible, if they have not already done so; and</p> <p>b) if required, urgently contact their workstation/software providers or consider contacting another State already using the GRIB2 datasets for assistance in migrating to GRIB2.</p> <p>Note: States who feel unable to migrate prior to 14 November 2013 should advise ICAO as soon as possible.</p>	ICAO APAC Office	State letter	July 2013	COMPLETE  State letter Ref.: T 4/8.1:AP118/ 13 (MET) issued 6 August 2013	To note



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Conclusion/ Decision No --- Strategic Objective*	Title of Conclusion/Decision	Text of Conclusion/Decision	Responsibility	Deliverable	Target date	Status as of 31 March 2014	Action agreed by ANC
C 24/49 A & C	<b>Improvements to SIGMET Implementation and Distribution</b>	That, the ICAO be invited to urge:  a) MWOs to improve upon the compliance and availability of SIGMET information; and  b) Regional OPMET databanks to ensure that all SIGMET data is forwarded to the SADIS and WIFS Providers in accordance with section 1.2.2 of Appendix 6 to ICAO Annex 3 — Meteorological Service for International Air Navigation.	ICAO APAC Office	State letter	July 2013	COMPLETE  State letter Ref.: T 4/7.5:AP120/ 13 (MET) issued 9 August 2013	To urge compliance
C 24/50 A & C	<b>Use of VONA format</b>	That, States be invited to consider ways to ensure implementation of the VONA format to report volcanic activities by Volcano Observatories.	ICAO APAC Office	State letter	July 2013	COMPLETE State letter Ref.: T 4/9.1.1:AP126 113 (MET) issued 20 August 2013	To urge all relevant States to comply
C 24/51 A & C	<b>Assessment of bilateral agreements for the provision of SIGMET services</b>	That, in coordination with ICAO, States to investigate and assess the feasibility of implementing effective bilateral agreements for the provision of SIGMET services as a corrective action towards resolution of air navigation deficiencies listed in the MET field.	ICAO APAC Office & States	State Letter and Working paper developed	September 2013 & March 2014	in progress	To note
D 24/52 A & C	<b>Survey on the implementation of meteorological competency</b>	That, ICAO coordinates a survey on the level of implementation of competency assessment, qualifications and training for meteorological personnel providing service for international air navigation and report the result to the MET SG/18 meeting.	ICAO APAC Office	State Letter and Working paper developed	September 2013 & March 2014	in progress	To note

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Conclusion/ Decision No --- Strategic Objective*	Title of Conclusion/Decision	Text of Conclusion/Decision	Responsibility	Deliverable	Target date	Status as of 31 March 2014	Action agreed by ANC
<b>D 24/53 A &amp; C</b>	<b>Guidance on QMS, competencies and cost recovery</b>	That, ICAO investigates opportunities to provide States with guidance information regarding implementation of QMS, competencies and cost recovery within the APAC Region	ICAO APAC Office	State letter	July 2013	COMPLETE State letter Ref.: T 4/7.1.2:AP039 /14 (MET) issued 11 March 2014	To note
<b>C 24/54 A &amp; C</b>	<b>Asia/Pacific Seamless ATM Plan</b>	That, the Asia/Pacific Seamless ATM Plan Version 1.0 attached as Appendix B to the Report on Agenda Item 3.6 be endorsed, and made available on the ICAO Asia/Pacific Regional Office web site.	ICAO APAC Office	State Letter	July 2013	COMPLETE Ref. T 3/10.0 – AP083/13 (ATM)	To note
<b>C24/55 A &amp; C</b>	<b>State Seamless ATM Planning</b>	That, given the urgency and priority of Seamless ATM planning for the Asia/Pacific as acknowledged by the 46th Conference of Directors General of Civil Aviation (DGCA, Osaka, Japan, 12-16 October 2009) and APANPIRG/22 (05-09 September 2011), States should be urged to: a) review Version 1.0 of the Asia/Pacific Seamless ATM Plan and utilise the Plan to develop planning for State implementation of applicable Seamless ATM elements; b) ensure relevant decision-makers are briefed on the Seamless ATM Plan; c) submit the first Regional Seamless ATM Reporting Form to the ICAO Regional Office by 01 March 2014; and d) where possible, participate and contribute to Seamless ATM system collaborative training and research initiatives.	1. ICAO APAC Office  2. States	1. State Letter  2. Submit Regional Seamless ATM Reporting Form to the APAC Office	1. July 2013  2. March 2014  Revised date May 2014	COMPLETE Ref. T 3/10.0 – AP083/13 (ATM)  COMPLETE	To note

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Conclusion/ Decision No --- Strategic Objective*	Title of Conclusion/Decision	Text of Conclusion/Decision	Responsibility	Deliverable	Target date	Status as of 31 March 2014	Action agreed by ANC
<b>D 24/56 A &amp; C</b>	<b>Seamless ATM Seminars/Workshops</b>	That, ICAO be urged to facilitate Asia/Pacific Seamless ATM Planning and Implementation Seminars/ Workshops for Asia/Pacific and trans-regional States.	ICAO APAC Office	1. State Letter  2. Conduct Seminars/Workshops	1. July 2013  2. March 2014	COMPLETE Seminars conducted.	To note
<b>D 24/57 A &amp; C</b>	<b>Dissolution of APSAPG</b>	That, considering the submission of the Draft Seamless ATM Plan to APANPIRG, and subject to the Seamless ATM Plan being approved, the Asia/Pacific Seamless ATM Planning Group (APSAPG) be dissolved, and any on-going tasks be delegated to the appropriate Sub-Group.	ICAO APAC Office	State Letter	July 2013	COMPLETE Ref. T 3/10.0 – AP083/13 (ATM)	To note
<b>D 24/58 A &amp; C</b>	<b>Addition of the APANPIRG Air Navigation Deficiencies for Noncompliance with Annex 14 SARPs</b>	That, the AOP Air Navigation Deficiencies reported and identified in Appendix B1 to Report on Agenda Item 4 be added to the APANPIRG Air Navigation Deficiencies listed in Appendix B.	ICAO APAC Office	State Letter	December 2013	COMPLETE T 11/2.1 – AP-AGA0140/13 dated 10 September 2013	To note
<b>D 24/59 A &amp; C</b>	<b>ATM/AIS/SAR, AOP, CNS and MET Deficiency List</b>	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 Appendix A to D to the Report on Agenda Item 4.	ICAO APAC office	Updated deficiency list	December 2013	COMPLETE January 2014	To note