



## INTERNATIONAL CIVIL AVIATION ORGANIZATION

**TWENTY SEVENTH MEETING OF THE ASIA/PACIFIC  
AIR NAVIGATION PLANNING AND IMPLEMENTATION  
REGIONAL GROUP (APANPIRG/27)**
*Bangkok, Thailand, 5 to 8 September 2016*
**Agenda Item 1A: Follow-up on the Outcome of APANPIRG/26 Meeting**
**1.3: Review status of implementation of APANPIRG outstanding  
Conclusions and Decisions**
**STATUS OF IMPLEMENTATION OF OUTSTANDING APANPIRG  
CONCLUSIONS AND DECISIONS**
*(Presented by the Secretariat)*
**SUMMARY**

This paper presents the current status on the follow-up action taken by States and ICAO on the outstanding APANPIRG 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 Para 3 for action by APANPIRG/27

**1. INTRODUCTION**

1.1 APANPIRG/26 reviewed the progress made on the outstanding Conclusions and Decisions including the Conclusions and Decisions of its 25<sup>th</sup> Meeting. The Meeting also noted the information provided on the follow-up action taken by States and ICAO on the outstanding Conclusions and Decisions of the Group's earlier meetings. The Group acknowledged that significant progress has been made in completing required action on the outstanding APANPIRG Conclusions and Decisions, and recommended continued action for completion of the outstanding items.

**2. DISCUSSION**

2.1 Out of the 7 outstanding Conclusions [23/21, 23/38, 23/41, 23/45, C24/51, C25/11 & C25/43] and 2 Decisions [24/33 & 24/52] up to APANPIRG/25, the follow-up actions taken by States and ICAO on 2 Conclusions [23/21, 23/38] are in progress. The present status of the outstanding Conclusions and Decisions up to APANPIRG/25 are given in **Appendix A** to this Working Paper.

**3. ACTION BY THE MEETING**

3.1 The Meeting is invited to note the progress made on the outstanding Conclusions and Decisions up to APANPIRG/25 as given in **Appendix A** to this paper.

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**Appendix A**  
**Status of Outstanding Conclusions/Decisions – Action Plan**

Conclusion/ Decision No. --- Strategic Objective*	Title of Conclusion/ Decision	Text of Conclusion/Decision	Responsibility	Deliverable	Target date	Status
C 23/21	IMS Operational Concept	That, ICAO be invited to  a) develop IMS Operational Concept and expedite finalization of IPv6 network configuration; and  b) conduct cost-benefit analyses for the implementation of an IPv6 network and IMS/SWIM at regional level.	ICAO HQ ANB/IIM	IPv6 network configuration at global level	March 2015 Revised target date December 2017	<b>IN PROGRESS</b> IPv6 address allocation being progressed by WG-I of Communications Panel
			APANPIRG/ ATNICG	CBA for IP based regional common network	April 2014	COMPLETED (initial version in April 2014 and updated in April 2015 after Request for Information)
				Input for States to make their CBA for national IMS/SWIM implementation	Dec. 2016	Will be part of SWIM workshop
C 23/38	A SIP Workshop on Radio Spectrum Management	That, a Special Implementation Programme (SIP) Workshop on radio spectrum management including revision to the overall ICAO Spectrum Policy and relevant frequency assignment planning criteria be organized in the Asia/Pacific Region.	ICAO APAC office	SIP Workshop on radio spectrum management conducted	Proposed SIP for 2014 and 2015 was not approved. Revised target date 2016	<b>IN PROGRESS</b> Workshop is scheduled from 18 to 21 October 2016

**Status of Outstanding Conclusions/Decisions – Action Plan**

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<b>C 23/41</b>	<b>VAAC Backup Procedures in the ASIA/PAC Region</b>	<p>That, Australia, Japan and New Zealand considers the further development of:</p> <p>a) VAAC Backup Procedures in the Asia-Pacific Region, as given at <b>Appendix Q</b> to the Report on agenda item 3.4, in order to include Tokyo, Wellington and Darwin VAACs; and</p> <p>b) Procedures for VAAC Backup Tests between Tokyo, Wellington and Darwin VAACs for inclusion in the Asia/Pacific Regional SIGMET Guide.</p>	<p>a) Japan, New Zealand and Australia;</p> <p>b) ICAO APAC Office</p>	<p>a) VAAC Backup Procedures for Tokyo/Wellington/Darwin; and</p> <p>b) Appendix (VAAC Backup Test Procedures) in ASIA/PAC Regional SIGMET Guide</p>	<p>Revised target date 2016</p>	<p><b>COMPLETED</b></p> <p>Refer to ASIA/PACIFIC REGIONAL SIGMET GUIDE FIFTH EDITION — OCTOBER 2015, Appendixes F, G and H:</p>
<b>C 23/45</b>	<b>Implementation of Quality Management Systems for Meteorological Service Provision</b>	<p>That ICAO, in coordination with the World Meteorological Organization (WMO), considers urgent strategies to foster the implementation of quality management systems for meteorological service amongst States in the Asia/Pacific Region in light of the ICAO Annex 3 – Meteorological Service for International Air Navigation requirement applicable 15 November 2012.</p>	ICAO APAC office	Strategy/plan	Revised target date 2016	<p><b>COMPLETED</b></p> <p>QMS implementation training initiatives conducted by WMO to support APAC States. Work plan of MET/S WG incorporates facilitation of implementation of QMS and competency SARPs</p>

**Status of Outstanding Conclusions/Decisions – Action Plan**

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<b>D 24/33 A &amp; C</b>	<b>APAC RCP/RSP Implementation Framework</b>	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	CNS SG and ACSICG notified. RCP/RSP included in the Sub groups work program. PBCS provision would become applicable on 10 November 2016		COMPLETED CNS SG and ACSICG notified. RCP/RSP included in the SGs work program.
<b>C 24/51 A &amp; C</b>	<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  Revised target date 2016	COMPLETED Work plan of MET/S WG incorporates implementation support and resolution of deficiencies concerning SIGMET

**Status of Outstanding Conclusions/Decisions – Action Plan**

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<b>D 24/52 A &amp; C</b>	<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  Revised target date 2016	COMPLETED  Competency implementation monitoring conducted by WMO to support APAC States. Work plan of MET/S WG incorporates facilitation of implementation of QMS and competency SARPs
<b>C 25/11 A &amp; B</b>	<b>Human Performance Initiatives</b>	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//work shop  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  CLOSED Mini-seminar held at the ATM/SG/3 on this subject and the human performance provisions in the Asia/Pacific Seamless ATM Plan has been done and changes were incorporated in the revised plan.

### Status of Outstanding Conclusions/Decisions – Action Plan

Conclusion/ Decision No. --- Strategic Objective*	Title of Conclusion/ Decision	Text of Conclusion/Decision	Responsibility	Deliverable	Target date	Status
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/worksh ops with focus on both technical and operational aspects for SWIM development in the Asia Pacific Region	June 2016	COMPLETED  SWIM workshop was conducted from 16 to 18 May 2016.

\* **Note: 1)** 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.

**Note: 2)** ICAO has established the following Strategic Objectives for the period 2011 -2013:

**A: Safety** - Enhance global civil aviation safety; **B: Security** - Enhance global civil aviation security; Strategic Objective **C: Environmental Protection and Sustainable Development of Air Transport** — Foster harmonized and economically viable development of international civil aviation that does not unduly harm the environment.

**Note: 3)** ICAO has established the following Strategic Objectives for the period 2014 -2016:

**A: Safety** – Enhance global civil aviation safety; **B: Air Navigation Capacity and Efficiency** – Increase capacity and improve efficiency of the global civil aviation system **C: Security and Facilitation** – Enhance global civil aviation security and facilitation; **D: Economic Development of Air Transport** – Foster the development of a sound and economically-viable civil aviation system; **E: Environmental Protection** – Minimize the adverse environmental effects of civil aviation activities.