



ICAO

International Civil Aviation Organization

**Thirty-Third Meeting of the Asia/Pacific Air Navigation
Planning and Implementation Regional Group
(APANPIRG/33)**

Bali, Indonesia, Hybrid Meeting, 22 to 24 November 2022

- Agenda Item 1B: Follow-up on the Outcome of APANPIRG/32 Meeting**
**1B.2: Review status of implementation of APANPIRG/32
Conclusions and Decisions**

**STATUS OF IMPLEMENTATION OF APANPIRG/32
CONCLUSIONS AND DECISIONS**

(Presented by the Secretariat)

SUMMARY

This Paper presents the follow-up action taken by ICAO on the APANPIRG/32 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.

Action by the Meeting is in paragraph 3.

1. INTRODUCTION

1.1 APANPIRG/32 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/32 adopted 10 Conclusions and 4 Decisions, which are presented in **Appendix A** to this Working Paper. A column is added to the table to show the action by the Air Navigation Commission for easy reference. The follow-up actions on 10 Conclusions and 4 Decisions were completed, which resulted in 100 % completion of the planned action.

3. ACTION BY THE MEETING

3.1 The Meeting is invited to:

- a) note the progress made on the APANPIRG/32 Conclusions and Decisions as given in **Appendix A** to this paper; and
- b) review and propose further action.

APANPIRG/32 Conclusions/Decisions – Action Plan
 [Updated on 9 November 2022]

Conclusion/ Decision No --- Strategic Objective*	Title of Conclusion/Decision	Text of Conclusion/Decision	Responsibility	Deliverable	Target Date	Status as of 26 July 2022	Action by ANC (AN-WP/9570 Dated 1/3/2022)
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
D 32/1 A & B	Dissolution of the APA-CDM/TF	That: a) the Airport Collaborative Decision Making Task Force (APA-CDM/TF), having completed most of the tasks assigned under its Terms of Reference, be dissolved, and any further Asia/Pacific Regional work in the A-CDM field (including Task List in Appendix A to the AOP/SG/5 Report) be undertaken by the Air Traffic Flow Management Steering Group (ATFM/SG); and b) A-CDM Experts nominated by States and International Organisations are encouraged to attend the ATFM/SG Meetings.	ICAO RO APAC States and Administrations	State Letter Action in accordance with the Decision.	January 2022	State Letter Ref.: AN 3/3 – AP013/22 (AGA) dated 19 January 2022 COMPLETED	The Air Navigation Commission is invited to: a) note the report of the thirty-second meeting of the APANPIRG as well as the WG/SRP's report thereon, as contained in this paper; and
C 32/2 A & B	GRF Implementation Monitoring and Status	That, Asia Pacific States/Administrations are urged to: 1) submit GRF Implementation Action Plan to ICAO APAC Office, if they have yet to do so (Conclusion APANPIRG/31/5 refers); 2) provide to ICAO APAC Office a periodic status update (at least monthly basis, at the end of each month) on actual	ICAO RO APAC States and Administrations	State Letter Action in accordance with the Conclusion.	January 2022 As soon as practicable	State Letter Ref.: AN 3/3 – AP014/22 (AGA) dated 19 January 2022	b) request the Secretariat to consider any opportunities to assist the region to address the outstanding actions arising from the

APANPIRG/32 Conclusions/Decisions – Action Plan

Conclusion/ Decision No --- Strategic Objective*	Title of Conclusion/Decision	Text of Conclusion/Decision	Responsibility	Deliverable	Target Date	Status as of 26 July 2022	Action by ANC (AN-WP/9570 Dated 1/3/2022)
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
		<p>implementation of GRF Action Items (Milestones) in accordance with GRF Implementation Action Plan developed by States until its full implementation; and</p> <p>3) support ICAO portal on GRF implementation monitoring and status, including maps and charts, to be made available in ICAO Public Website.</p>				COMPLETED	APANPIRG/30 and APANPIRG/31, as appropriate
C 32/3 A & B	Implementation of Efficient ATS Horizontal Separations and Transfer of Control Aircraft Spacing	<p>That, given the global priority to support airlines' recovery from the unprecedented negative economic consequences of the COVID-19 pandemic and the suitable low traffic environment:</p> <p>a) States/Administrations are strongly urged to review and update their National Air Navigation Plans (NANPs) to ensure that Air Navigation Service Providers (ANSPs) fully implement the horizontal separation and aircraft spacing elements in the Asia/Pacific Seamless ANS Plan V3.0; and</p> <p>b) ICAO considers the need for seminars, workshops and other educational material to support this implementation.</p>	<p>ICAO RO</p> <p>APAC States and Administrations</p> <p>ICAO RO</p>	<p>State Letter</p> <p>Action in accordance with the Conclusion.</p> <p>Seminars, workshops and other educational material</p>	<p>January 2022</p> <p>As soon as practicable</p> <p>2022 - 2023</p>	<p>State Letter Ref.: AN 3/3 – AP014/22 (AGA) dated 19 January 2022</p> <p><i>Annual survey conducted and a WP provided at ATM/SG/10 (ref. WP/08)</i></p> <p style="background-color: #00FF00;">COMPLETED</p>	

APANPIRG/32 Conclusions/Decisions – Action Plan

Conclusion/ Decision No --- Strategic Objective*	Title of Conclusion/Decision	Text of Conclusion/Decision	Responsibility	Deliverable	Target Date	Status as of 26 July 2022	Action by ANC (AN-WP/9570 Dated 1/3/2022)
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
D 32/4 A & B	Revised ATFM/SG Terms of Reference	That, noting the dissolution of the APA-CDM/TF under <i>Decision APANPIRG/32/1</i> , ongoing APAC regional A-CDM work be conducted by ATFM/SG, and the revised ATFM/SG, and the revised Terms of Reference at Appendix A to the Report on Agenda Item 3.2 be adopted.	ICAO RO APAC States and Administrations	State Letter Notify to ATFM/SG	January 2022 ATFM/SG/12 (July 2022)	State Letter Ref.: AN 3/3 – AP014/22 (AGA) dated 19 January 2022 COMPLETED	
D 32/5 A & B	Combining SAIOACG and SEACG Groups to form the South Asia, Indian Ocean and Southeast Asia ATM Coordination Group (SAIOSEACG)	That, noting the: 1. large cross-over in work between the SAIOACG and SEACG, with about 90% of the papers being developed by the Secretariat and virtually the same content; and 2. resource challenges to States/Administrations in terms of participant’s travel and attendance costs attending two separate meetings; the two groups be combined to form the South Asia, Indian Ocean and Southeast Asia ATM Coordination Group (SAIOSEACG), with Terms of Reference as provided in Appendix B to the Report on Agenda Item 3.2 .	ICAO RO APAC States and Administrations	State Letter To note and members to continue participating at SAIOSEACG	January 2022 SAIOSEACG/1	State Letter Ref.: RSO – AP010/22 dated 19 January 2022 The SAIOSEACG/1 Meeting was held 28 March – 1 April 2022 COMPLETED	

APANPIRG/32 Conclusions/Decisions – Action Plan

Conclusion/ Decision No --- Strategic Objective*	Title of Conclusion/Decision	Text of Conclusion/Decision	Responsibility	Deliverable	Target Date	Status as of 26 July 2022	Action by ANC (AN-WP/9570 Dated 1/3/2022)
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
C 32/6 A & B	RVSM Approvals Data and Filing of RVSM Indicator in Flight Plans of State Aircraft	That, States are urged to: 1. liaise with their State aircraft operators to not file ‘W’ in item 10 of the ICAO flight plan of aircraft that are not approved for RVSM; and 2. respond to a survey on RMA and State responsibility on the matter of RVSM approvals of State aircraft.	ICAO RO APAC States and Administrations MAAR	State Letter Action in accordance with the Conclusion. Develop and circulate survey	January 2022 As soon as practicable Q1/Q2 2022	State Letter Ref.: AN 3/3 – AP014/22 (AGA) dated 19 January 2022 COMPLETED	
C 32/7 A & B	Implementation of CRV for small Pacific Island and small ANSP in the region using CRV Solution, PCCWG SLA Package D	That, the CRV OG should consider the following to assist small Pacific Islands & small ANSP in APAC in the implementation of CRV: a) Small Pacific Island and small ANSP in the region to consider using CRV SLA package D as the CRV solutions to implement CRV for the exchange of voice & AMHS services b) With target date to implement CRV by the end of 2021 by APANPIRG Conclusion C 31/12, it is recommended that the CRV OG to work closely with the small Pacific Islands, small ANSP in the region and PCCWG on a cost effective CRV solution to implement CRV.	ICAO RO APAC States and Administrations CRV/OG	State Letter Action in accordance with the Conclusion. Action in accordance with the Conclusion.	January 2022 As soon as practicable	State Letter Ref.: T 8/2.10 – AP007/22(CNS) dated on 12 January 2022 COMPLETED	

APANPIRG/32 Conclusions/Decisions – Action Plan

Conclusion/ Decision No --- Strategic Objective*	Title of Conclusion/Decision	Text of Conclusion/Decision	Responsibility	Deliverable	Target Date	Status as of 26 July 2022	Action by ANC (AN-WP/9570 Dated 1/3/2022)
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
C 32/8 A & B	Interrogator Code (IC) Planning and Coordination	<p>That,</p> <p>With the need to extend the Use of Surveillance Identifier (SI) in Interrogator Code (IC) on top of Interrogator Identifier (II), the relevant APANPIRG Conclusions were updated as follows:</p> <p><i>Coordination Process for SSR Mode S Interrogator Code (IC) (formerly Conclusion 19/40)</i></p> <p>a) in view of the increasing density of SSR interrogator installations in the region, and that States have varying readiness to extend from Interrogator Identifier (II) to both Interrogator Identifier and Surveillance Identifiers (SI) codes, there will be a period whereby both II and SI will be used.</p> <p>b) while implementing SSR Mode S, States should take into account following issues while assigning IC 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 IC. • where, the coverage of the interrogator extends beyond the boundaries of the State, The IC should be worked out in 	ICAO RO APAC States and Administrations	State Letter Action in accordance with the Conclusion.	January 2022 As soon as practicable	State Letter Ref.: T 8/5.11-AP200/21 (CNS) dated on 22 December 2021 COMPLETED	

APANPIRG/32 Conclusions/Decisions – Action Plan

Conclusion/ Decision No --- Strategic Objective*	Title of Conclusion/Decision	Text of Conclusion/Decision	Responsibility	Deliverable	Target Date	Status as of 26 July 2022	Action by ANC (AN-WP/9570 Dated 1/3/2022)
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
		<p>coordination with the ICAO Asia and Pacific Office and the neighbouring States concerned, and</p> <ul style="list-style-type: none"> • administrations should inform the ICAO Asia and Pacific Office about the assigned IC for these installations. <p><i>Coordination Requirements for SSR Mode S Interrogator Codes (IC) (formerly Conclusion 20/56)</i></p> <p>States be advised to provide the following information on SSR Mode S Interrogator Code to the ICAO Asia/Pacific Office for coordination and registration.</p> <ol style="list-style-type: none"> a) Name of country/territory and location of facility; b) Antenna Coordinates (Latitude and Longitude); c) Elevation of antenna above the Mean Sea Level (MSL) in meters; d) Maximum Coverage of SSR Mode S Interrogator in nautical mile; e) II Code (1 to 15) or SI Code (1 to 63); and f) Remarks (special configuration such as radar clustering, lockout override, II/SI mode capability) 					

APANPIRG/32 Conclusions/Decisions – Action Plan

Conclusion/ Decision No --- Strategic Objective*	Title of Conclusion/Decision	Text of Conclusion/Decision	Responsibility	Deliverable	Target Date	Status as of 26 July 2022	Action by ANC (AN-WP/9570 Dated 1/3/2022)
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
		<p><i>Planning Criteria for SSR Mode S Interrogator Code (IC) Assignment (formerly Conclusion 20/57)</i></p> <p>The planning criteria for SSR Mode S IC coordination and assignment as provided in Appendix J of Doc 9924 (Third Edition, 2020) be adopted for use in the Asia/Pacific Region.</p>					
<p>C 32/9 A & B</p>	<p>Transition from II code to II and SI mixed code</p>	<p>States with Mode S radar capable of performing II/SI mode operations are encouraged to transit from II code to II and SI mixed code, so as to ease the shortage of II codes. States planning to perform the transition shall coordinate with ICAO APAC Regional Office to obtain the SI codes.</p>	<p>ICAO RO</p> <p>APAC States and Administrations</p>	<p>State Letter</p> <p>Action in accordance with the Conclusion.</p>	<p>January 2022</p> <p>As soon as practicable</p>	<p>State Letter</p> <p>Ref.: T 8/5.11-AP200/21 (CNS) dated on 22 December 2021</p> <p>COMPLETED</p>	
<p>C 32/10 A & B</p>	<p>The APAC Regional Roadmap for Mode S Implementation</p>	<p>That, the APAC Regional Roadmap for Mode S Implementation provided in Appendix D to the Report on Agenda Item 3.4 be adopted.</p>	<p>ICAO RO</p> <p>APAC States and Administrations</p>	<p>State Letter</p> <p>Action in accordance with the Conclusion.</p>	<p>January 2022</p> <p>As soon as practicable</p>	<p>State Letter</p> <p>Ref.: T 8/5.11-AP200/21 (CNS) dated on 22 December 2021</p> <p>COMPLETED</p>	

APANPIRG/32 Conclusions/Decisions – Action Plan

Conclusion/ Decision No --- Strategic Objective*	Title of Conclusion/Decision	Text of Conclusion/Decision	Responsibility	Deliverable	Target Date	Status as of 26 July 2022	Action by ANC (AN-WP/9570 Dated 1/3/2022)
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
C 32/11 A & B	Updating Online Register of IWXXM Exchange Status	That, States/Administrations provide timely updates to the Online Register of IWXXM Exchange Status on the latest status of AMHS capability for IWXXM exchange among ROCs and NOCs, and the availability of IWXXM MET reports.	ICAO RO APAC States and Administrations	State Letter Action in accordance with the Conclusion.	January 2022 As soon as practicable	State Letter Ref: AP101/22 (MET) 26 Jul 2022 COMPLETED	
D 32/12 A & B	Meteorological expert contribution to SWIM/TF	That, States consider identifying meteorological experts to contribute to the APAC SWIM/TF to ensure meteorological aspects are fully considered.	ICAO RO APAC States and Administrations	State Letter Action in accordance with the Conclusion.	January 2022 As soon as practicable	State Letter Ref: T 4/3.2.9 - AP070/22 (MET) 9 May 2022 COMPLETED	
C 32/13 A & B	Update on the provision of Space Weather Advisory	That, States/Administrations urgently implement or adjust their systems to enable the forwarding of space weather advisories (in TAC and IWXXM form) as appropriate to users.	ICAO RO APAC States and Administrations	State Letter Action in accordance with the Conclusion.	January 2022 As soon as practicable	State Letter Ref: AP102/22 (MET) 26 Jul 2022 COMPLETED	
C 32/14 A & B	Update of Information in APANPIRG Air Navigation Deficiencies Reporting Form	That, 1) ICAO to update the APANPIRG Air Navigation Database to reflect the information as presented in Appendices A to D to Report on Agenda Item 4.	ICAO RO	State Letter & update the APANPIRG Air Navigation Database	January 2022	State Letter Ref.: AN 3/3 – AP015/22 (AGA) dated 19 January 2022	

APANPIRG/32 Conclusions/Decisions – Action Plan

Conclusion/ Decision No --- Strategic Objective*	Title of Conclusion/Decision	Text of Conclusion/Decision	Responsibility	Deliverable	Target Date	Status as of 26 July 2022	Action by ANC (AN-WP/9570 Dated 1/3/2022)
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
		2) States/Administrations be urged to: a) establish action plan with defined target dates for resolution of deficiencies, update the status on the corrective action taken and report progress in the Reporting Form of Air Navigation Deficiencies identified in ATM and Airspace Safety, AOP, CNS and MET fields as detailed in Appendices A to D to Report on Agenda Item 4; and b) update contact details of a Focal Point to coordinate actions to resolve the Deficiencies (https://portal.icao.int/def/Documents/FocalPoint_ANDef.pdf).	APAC States and Administrations	Action in accordance with the Conclusion.	As soon as practicable	Updated the APANPIRG Air Navigation Database in ICAO APAC Deficiency Portal Follow up State Letter Ref.: T 11/2.1 – AP-AGA0004/22 dated 5 May 2022 COMPLETED	

— END —