



ICAO

INTERNATIONAL CIVIL AVIATION ORGANIZATION

Twenty-sixth Meeting of the Africa-Indian Ocean Planning and Implementation Regional Group (APIRG/26)

7 - 8 November 2023

Agenda Item 2: Follow-up on the APIRG/25 meeting Conclusions and Decisions

2.2. Review of the status of implementation of APIRG/25 Conclusions and Decisions

(Presented by the Secretariat)

SUMMARY
<p>This Paper presents the status of implementation and activities undertaken by the Secretariat, States, and other stakeholders on the Conclusions and Decisions adopted by the APIRG/25 meeting.</p> <p>The action by the meeting is in Paragraph 3</p>
<p>REFERENCE(S):</p> <ul style="list-style-type: none"> • APIRG/25 Meeting report
<p>Related ICAO Strategic Objective(s): A – Safety, B – Air Navigation Capacity and Efficiency and D – Economic Development of Air Transport,</p> <p>The action by the meeting is in Paragraph 3</p>

1. INTRODUCTION

- 1.1. The Twenty-fifth Meeting of the AFI Planning and Implementation Regional Group (APIRG/25) and the Eighth Meeting of the AFI Regional Aviation Safety Group (RASG-AFI/8) were held in Kigali, Rwanda from the 7th to the 11th of November 2022.
- 1.2. The APIRG/25 meeting adopted twenty-one (21) Conclusions and twenty-five (25) Decisions. In accordance with the RASG-AFI and APIRG, actions are recorded in the form of conclusions and decisions. The review of the implementation of APIRG meetings conclusions and decisions is an important element in the monitoring and evaluation process of APIRG activities.

2. DISCUSSION

2.1 This paper provides the status of the implementation of the conclusions and decisions of the APIRG/25 meeting. This includes information on the responsibility, deliverables/expected outcomes; Target date; Status (completed/ in progress/ not started), and where applicable, the action required from the Air Navigation Commission (ANC).

2.2 The status of the implementation is presented in the **Appendix** to this Paper.

3 ACTION BY THE MEETING

3.1 The meeting is invited to:

- a) note the progress made on the implementation of the APIRG/25 conclusions and decisions as per the **Appendix** to this Paper; and
- b) review and propose further action, as necessary considering the discussions, to facilitate the implementation of outstanding items.

WP02A – Appendix A - APIRG/25 Conclusions/Decisions – Action Plan

Con/Dec No.	Title of Conclusion/Decision	Text of Conclusion/Decision	Responsibility	Deliverable(s)/ Expected Outcome(s)	Target date	Status	Action by the Air Navigation Commission (ANC)
ICAO SO							
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
APIRG/25 Conclusion 25/01 --- A & B	Adoption of the third edition of the Regional ATM Contingency Plan (ATM CP)	That the third Edition of the Regional ATM Contingency Plan in Appendix 3B be adopted by States in order to facilitate the improvement and implementation of contingency arrangements in the Region.	APIRG meeting	3 rd Edition of the Regional ATM Contingency Plan adopted.	31 Dec 2023	Completed	—
APIRG/25 Decision 25/02 --- A & B	Effectiveness of the Regional ATM Contingency Plan (ATM CP)	That, to ensure the effectiveness of the ATM CP, a) The Regional Contingency Plan Coordination Team (CCT) to conduct a tabletop exercise by 31 December 2023; and b) The Secretariat to coordinate with the Regional ATM Contingency Plan Coordination Team in determining the FIR within which the tabletop exercise will be conducted and make arrangements for ATM experts from other FIRs to participate as observers in the exercise.	The Regional Contingency Plan Coordination Team (CCT) The Secretariat	Tabletop exercise conducted by 31 December 2023	31 Dec 2023	Completed	—
APIRG/25 Conclusion 25/03 --- A & B	Implementation of the Free Route Airspace (FRA)	That, to standardize FRA Implementation in the region: a) The FRA CONOPS 2 nd Edition (Appendix 3C to this Report), which introduces the standardized FRA publication template, is endorsed; and b) States that have implemented FRA are encouraged to share lessons learnt from their experience.	APIRG States	FRA CONOPS endorsed	31 Dec 2023	Completed	—

WP02A – Appendix A - APIRG/25 Conclusions/Decisions – Action Plan

Con/Dec No.	Title of Conclusion/Decision	Text of Conclusion/Decision	Responsibility	Deliverable(s)/ Expected Outcome(s)	Target date	Status	Action by ANC
ICAO SO							
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
APIRG/25 Conclusion 25/04 --- A & B	Improved safety in the Regional RVSM Airspace	That, to enhance continued RVSM airspace safety within the region: a) States prohibit the allocation to, and use of FL420 by any aircraft considering the associated safety risks; and conduct activities intended to raise awareness among Air Traffic Controllers, Pilots, and AIM personnel on this critical issue; and b) ARMA to conduct annual workshops for the RVSM National Project Managers (NPM).	States/ARMA ARMA	Annual Workshops conducted	31 December 2023 31 December 2023	In Progress Awareness sensitization ongoing by ICAO and ARMA.	—
APIRG/25 Conclusion 25/05 --- A & B	Nomination of State RVSM Subject Matter Focal Points	That, to improve coordination between ARMA and States, the Secretariat to coordinate with States for submission of alternate RVSM subject matter Focal Points to support the NPM by 31 March 2023.	Secretariat	List of RVSM for NPM focal points	31 March 2023.	Completed	—
APIRG/25 Conclusion 25/06 --- A & B	Conclusion of the Regional SSR CMP	That, following the successful implementation of the Regional SSR Code Management Plan (SSR CMP), the ASCAAR Project established by APIRG be closed.	APIRG	ASCAAR Project closed	Closure of the APIRG/25 meeting	Completed	—

WP02A – Appendix A - APIRG/25 Conclusions/Decisions – Action Plan

WP02A – Appendix A - APIRG/25 Conclusions/Decisions – Action Plan

Con/Dec No.	Title of Conclusion/Decision	Text of Conclusion/Decision	Responsibility	Deliverable(s)/ Expected Outcome(s)	Target date	Status	Action by the Air Navigation Commission (ANC)
ICAO SO							
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
APIRG/25 Conclusion 25/07 --- A & B	Conclusion of the ATS Competency Study	That, following the successful conclusion of the Study on ATS Competency in the region, the report as presented be implemented by States and the study concluded.	APIRG	ATS competency study concluded	Closure of the APIRG/25 meeting	Completed	—
APIRG/25 Decision 25/08 --- A & B	Enhancement of the Regional Civil/Military Cooperation and Coordination	That, to continue the promotion of Civil - Military cooperation in the region, a) The Secretariat to organize two Civil/Military cooperation workshops/seminars by December 2023 and urge States to ensure the participation of appropriate senior military officials; and b) States to coordinate with their Military authorities to nominate Military Focal Points to facilitate Civil/ Military Cooperation, Collaboration and Coordination.	Secretariat States	Workshops/seminars completed List of Military Focal Points	31 Dec 2023	In progress Civil Military Coordination workshop held in Zambia. States to provide the list of the designated Focal points	—

WP02A – Appendix A - APIRG/25 Conclusions/Decisions – Action Plan

Con/Dec No. ICAO SO	Title of Conclusion/Decision	Text of Conclusion/Decision	Responsibility	Deliverable(s)/ Expected Outcome(s)	Target date	Status	Action by the Air Navigation Commission (ANC)
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
APIRG/25 Conclusion 25/09 --- A & B	Regional ATM Summit	That, to implement a harmonized, interoperable and seamless Air Traffic Management (ATM) systems in the region, the Secretariat to coordinate with relevant stakeholders for the convening of an ATM Summit by December 2024.	Secretariat	ATM Summit organized	31 December 2024	In progress Plan to host the summit agreed during AAO/SG6 meeting.	—
APIRG/25 Decision 25/10 --- A & B ---	Adoption of the ASBU Elements applicable to the region	That, to align the Regional Air Navigation Plan to the Sixth Edition of the GANP, the ASBU elements, as identified in the Appendix 3D to this Report, are endorsed.	APIRG to approve the identified applicable ASBU elements to region	Appendix 3D to the Report of the APIRG/25 Meeting containing the approved ASBU elements	Closure of the APIRG/25 meeting	Completed	—

WP02A – Appendix A - APIRG/25 Conclusions/Decisions – Action Plan

Con/Dec No.	Title of Conclusion/Decision	Text of Conclusion/Decision	Responsibility	Deliverable(s)/ Expected Outcome(s)	Target date	Status	Action by the Air Navigation Commission (ANC)
ICAO SO							
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
APIRG/25 Conclusion 25/11 --- A & B	Collection of data and reporting on ASBU implementation	<p>That, to update the status of implementation of ASBU elements, and to ensure continuous and regular data-driven reporting in the region:</p> <p>a) States to fill up the data collection template presented in Appendix 3E, to this Report, and submit quarterly reports to the ICAO Regional Offices on the status of planning and implementation of ASBU elements, using the Excel template until the development of the online platform is completed; and</p> <p>b) The Secretariat expedite the completion of the development of the online platform aiming to replace the Excel template for data collection and reporting.</p>	<p>a) States to report on their status of planning and implementation of ASBU elements</p> <p>b) Secretariat to complete the online data collection tool</p>	<p>a) States provided data on the status of the implementation of applicable ASBU elements</p> <p>b) Excel Tool for ASBU data collection is automated</p>	By the APIRG/26 meeting	<p>In Progress</p> <p>33 States provided data on the status of the implementation of applicable ASBU elements.</p> <p>The automation of the Excel Tool for ASBU data collection is underway.</p>	—

WP02A – Appendix A - APIRG/25 Conclusions/Decisions – Action Plan

Con/Dec No.	Title of Conclusion/Decision	Text of Conclusion/Decision	Responsibility	Deliverable(s)/ Expected Outcome(s)	Target date	Status	Action by ANC
ICAO SO							
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
APIRG/25 Conclusion 25/12 --- A & B	Improvement of the effectiveness of the APIRG Projects	That, to improve the effectiveness of the APIRG Projects: a) The Secretariat be urged to reinforce its coordination and support to Project Teams; and b) The Secretariat in coordination with States and Organizations to review and update the list of Project Teams' members by 31 December 2022.	a) Secretariat to support IIM Project Teams in the implementation b) Secretariat to coordinate the update of the Project Teams	a) Several supporting meetings were conducted with the IIM Project Teams and guidance provided on the development and implementation of the Project activities, including the Project cost estimation. 50% of AAOSG Project team members have been updated taking into consideration experts changes within States AAOSG Project Teams to be sensitized on project definition during first quarter 2024 b) Project Team memberships were updated	31 December 2022	Completed	—

WP02A – Appendix A - APIRG/25 Conclusions/Decisions – Action Plan

Con/Dec No.	Title of Conclusion/Decision	Text of Conclusion/Decision	Responsibility	Deliverable(s)/ Expected Outcome(s)	Target date	Status	Action by ANC
ICAO SO							
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
APIRG/25 Decision 25/13 --- A & B	Alignment of the APIRG Projects to the 6th Edition of the GANP	That: To promote the implementation of the ASBU elements applicable to the Region, the related APIRG Projects references be aligned with the GANP 6th edition groups, threads and elements as provided in Appendices 3F to this Report.	Project PTCs, in coordination with the Secretariat to align the project references with the ASBU applicable elements	Project references aligned with the ASBU applicable elements	By the APIRG/26 meeting	In Progress Around 67% of IIM Projects have properly aligned their activities with the GANP AAO project documents are being aligned with the GANP.	—

WP02A – Appendix A - APIRG/25 Conclusions/Decisions – Action Plan

Con/Dec No.	Title of Conclusion/Decision	Text of Conclusion/Decision	Responsibility	Deliverable(s)/ Expected Outcome(s)	Target date	Status	Action by the Air Navigation Commission (ANC)
ICAO SO							
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
APIRG/25 Decision 25/14 --- A & B	Termination of the IIM projects teams activities on AIM/1, AIM/2 and AIM/3	That, considering the AFI Plan “AIM Results-Based Implementation Support (RBIS) for the region” project whose scope covers the deliverables of the following AIM projects, and to avoid duplication of efforts, the activities of the said projects are terminated: a) AIM/1 - Assessment and development of QMS applied to AIM in States; b) AIM/2: Implementation of Aeronautical Information Exchange Systems (AIXM); and c) AIM/3 - Implementation of the provision of electronic terrain and obstacle data (e-TOD).	Termination of IIM Projects- AIM/1, AIM/2 and AIM/3	IIM Project activities on AIM/1, AIM/2 and AIM/3 terminated	Closure of the APIRG/25 meeting	Completed	—

<p>APIRG/25 Decision 25/15 --- A & B</p>	<p>Adoption of the Projects AIM/4 and AIM/5</p>	<p>That, to assist States in the improvement of the quality of Aeronautical information, and the implementation of aerodrome mapping and instrument flight procedure data sets, the following AIM Projects, as described in Appendices 3G and 3H, are adopted:</p> <p>a) IIM/SG AIM/4 Project 4 – Monitoring of Aeronautical information quality and Improvement of NOTAM; and b) IIM/SG AIM/5 Project 4 – Implementation of Aerodrome mapping data sets and Instrument flight procedure data sets.</p>	<p>APIRG to adopt the AIM4 and AIM5 Project.</p>	<p>Approved Project references are provided in Appendices 3G and 3H of the APIRG/25 Report</p>	<p>Closure of the APIRG/25 meeting</p>	<p>Completed</p>	<p>—</p>
--	--	---	--	--	--	-------------------------	----------

WP02A – Appendix A - APIRG/25 Conclusions/Decisions – Action Plan

Con/Dec No.	Title of Conclusion/Decision	Text of Conclusion/Decision	Responsibility	Deliverable(s)/ Expected Outcome(s)	Target date	Status	Action by ANC
ICAO SO							
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
APIRG/25 Decision 25/16 --- A & B	Support to the APIRG Projects activities related to cyber resilience in AFI Region	That, to increase States/Organizations' technical personnel awareness in cyber securing ANS systems, ICAO through the APIRG mechanism should strengthen its support to activities aimed at raising awareness of ANS Cyber resilience, in coordination with the industry, through webinars/workshops/seminars on Cyber resilience of ANS systems for the region.	The Secretariat to coordinate a webinar/workshop/seminar on Cyber resilience of ANS systems.	Webinar on the Cyber resilience of ANS systems conducted.	By the APIRG/26 meeting	In Progress The Cybersecurity framework was established. The webinar on the cybersecurity framework to be conducted.	—
APIRG/25 Decision 25/17 --- A & B	Adoption of IMSG MET Project 4 and MET Project 5	That, to assist States in the implementation of Aeronautical Meteorology Personnel competency standards, and to address in a sustainable manner, the long-standing deficiencies related to the availability of the OPMET data in the Region, the IIM MET Projects, as described in Appendices 3I and 3J to this Report, are endorsed: a) IIM/SG MET Project 4 – Aeronautical Meteorology Personnel competency standards; and b) IIM/SG MET Project 5 – Removing deficiencies in OPMET data availability in the Region.	APIRG to adopt the MET4 and MET5 Project	Approved Project references are provided in Appendices 3I and 3J of the APIRG/25 Report	Closure of the APIRG/25 meeting	Completed	—

WP02A – Appendix A - APIRG/25 Conclusions/Decisions – Action Plan

Con/Dec No.	Title of Conclusion/Decision	Text of Conclusion/Decision	Responsibility	Deliverable(s)/ Expected Outcome(s)	Target date	Status	Action by the Air Navigation Commission (ANC)
ICAO SO							
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
APIRG/25 Decision 25/18 --- A & B	Outcomes of the First Meeting of Regional Volcanic Ash Exercise Steering Group	That, the Decisions of the first meeting of the Regional Volcanic Ash Exercise Steering Group held virtually in July 2022 and contained in Appendix 3K to this Report, is endorsed and should be considered in preparation for the second Regional Volcanic Ash Exercise to be conducted in 2023.	APIRG to approve the outcomes of the First Meeting of the Regional Volcanic Ash Exercise Steering Group.	The outcomes of the VOLCEX/SG1 approved as per Appendix 3K to the APIRG/25 Meeting.	Closure of the APIRG/25 meeting	Completed	—
APIRG/25 Decision 25/19 --- A & B	Role and responsibilities of States National Coordinators for Planning and Implementation and Technical Focal Points	That, to strengthen the APIRG and its subsidiary bodies activities, the terms of reference of the National Coordinator for Planning and Implementation (NCPI) as well as focal points in APIRG disciplines is endorsed as provided in Appendix 3L to this Report.	APIRG to endorse the ToRs of the NCPI.	The approved ToRs are provided in the Appendix 3L of the Report of the APIRG/25 Meeting.	Closure of the APIRG/25 meeting	Completed	—
APIRG/25 Decision 25/20 --- A & B	Consideration of the outcome of the Fifth Meeting of the African ANSPs	That, to assist States in improving the provision of Air Navigation services and reinforce the collaboration amongst States/organizations, the Project Teams to consider the key outcomes of the Fifth Meeting of the African ANSPs held in March 2012 when revising and implementing the AFI Regional ANS Projects	Project Teams to incorporate (if any) the outcomes of the Fifth Meeting of the African ANSPs when revising and implementing the AFI Regional ANS Projects.	Outcomes of the Fifth Meeting of the African ANSPs incorporated in the regional ANS Projects	By the APIRG/26 meeting	In Progress The ANS Regional Projects were revised. Incorporation of the Outcomes of the Fifth Meeting of the African ANSPs is still to be finalized	—

WP02A – Appendix A - APIRG/25 Conclusions/Decisions – Action Plan

Con/Dec No.	Title of Conclusion/Decision	Text of Conclusion/Decision	Responsibility	Deliverable(s)/ Expected Outcome(s)	Target date	Status	Action by the Air Navigation Commission (ANC)
ICAO SO							
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
APIRG/25 Conclusion 25/21 --- A & B	Prevention of harmful interference to Radio Navigation Satellite Service Receivers in the 1559 – 1610 MHz frequency and mitigation of their impact	That, to ensure the safety, capacity, efficiency and continuity of aircraft operations using GNSS services, States shall endeavor to: a) plan, conduct and monitor appropriate actions aiming at preventing harmful interferences or mitigating the risk of the impact of such interferences to the Radio Navigation Satellite Service Receivers in the 1559 – 1610 MHz frequency band; in coordination with service providers (Airlines, Air Navigation Service Providers, Aerodrome Operators, and all stakeholders operating in the aviation sector including Air Force units); b) sensitize the national Telecommunications Regulatory Authorities, on the risk incurred by the civil aviation industry; and c) provide feedback on actions taken to the ICAO Regional Offices.	a) States to plan and implement mitigation actions. b) States to plan and sensitize the national Telecommunications Regulatory Authorities.	a) Mitigation actions planned and implemented. b) national Telecommunications Regulatory Authorities sensitized	By the APIRG/26 meeting	In progress Some States started the sensitization of their national Telecommunications Regulatory Authorities on the impact of harmful interference to RNSS receiver.	—

WP02A – Appendix A - APIRG/25 Conclusions/Decisions – Action Plan

Con/Dec No.	Title of Conclusion/Decision	Text of Conclusion/Decision	Responsibility	Deliverable(s)/ Expected Outcome(s)	Target date	Status	Action by the Air Navigation Commission (ANC)
ICAO SO							
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
APIRG/25 Conclusion 25/22 --- A & B	Support to ICAO Position for ITU WRC-23	That, in preparation of the ITU World Radiocommunication Conference 2023 (ITU WRC-23), Administrations/Organizations: a) contribute, when possible, to the Frequency Spectrum Management Panel (FSMP) efforts to update the ICAO position to reflect the outcome of ITU-R studies and the concerns identified by the Region; b) liaise with Sub Regional Telecommunication organizations such as the West African Telecommunication Regulators' Association, the Communication Regulators' Association of Southern Africa and where possible participate in the work of the African Telecommunication Union (ATU) and ITU-R; and c) work with national radio regulators to secure a national/regional position in line with ICAO's position.	States to coordinate with Frequency Spectrum Management Panel (FSMP) to update the ICAO position and work with national radio regulators to secure a national/regional position in line with ICAO's position.	ICAO position updated. States are sensitized to collaborate securing the national radio regulators to secure a national/regional position in line with ICAO's position.	By the APIRG/26 meeting	Completed	—

WP02A – Appendix A - APIRG/25 Conclusions/Decisions – Action Plan

Con/Dec No. ICAO SO	Title of Conclusion/Decision	Text of Conclusion/Decision	Responsibility	Deliverable(s)/ Expected Outcome(s)	Target date	Status	Action by the Air Navigation Commission (ANC)
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
APIRG/25 Decision 25/23 --- A & B	Update of the Regional Navigation Infrastructure Strategy	That, in accordance with the GANP Technology Roadmaps and in line with the outcomes of the regional independent Cost Benefit Analysis (CBA) for the introduction of SBAS, the APIRG Navigation Infrastructure Strategy should be developed to include the rationalization of conventional navigational aids and to update the GNSS regional strategy. The corresponding project document should be amended accordingly.	APIRG to include in the Navigation Infrastructure Strategy- the rationalization of conventional navigational aids and to update the GNSS regional strategy. The corresponding Project document should be amended accordingly.	Rationalization of conventional navigational aids included in the APIRG Navigation Infrastructure Strategy. CNS related Project amended	By the APIRG/26 meeting	In Progress CNS NAV Project is considering the rationalization of conventional navigational aids.	—

Con/Dec No. ICAO SO	Title of Conclusion/Decision	Text of Conclusion/Decision	Responsibility	Deliverable(s)/ Expected Outcome(s)	Target date	Status	Action by the Air Navigation Commission (ANC)
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
APIRG/25 Conclusion 25/24 --- A & B	Support of the African Union Commission to the implementation of SBAS in the AFI Region	That, to complement the AUC/AFCAC Cost-Benefit analysis on the introduction of GNSS/SBAS services in the region and provide States with a complete set of recommendations supporting their decision-making, AFCAC should initiate a study on the governance and institutional issues related to SBAS in Africa, and facilitate the mobilization of required resources to support the effective implementation of SBAS in the region in accordance with the future revised Regional GNSS Strategy.	States AUC/ AFCAC	AFCAC to -initiate a study on the governance and institutional issues related to SBAS in Africa, and -facilitate the mobilization of required resources to support the effective implementation of SBAS in the Region.	By APIRG/26 meeting	In progress The regional stakeholder consultative workshop to review Phase 1 SBAS CBA Report was conducted in Kigali, Rwanda in May 2022. Regional Outreach programs on SBAS implementation were conducted in Abuja, Nigeria and Praia, Carbo Verde in February 2023. Phase 2 of the SBAS CBA was kick-started by AUC/ AFCAC/EU in September 2023 for a Consultancy to develop the Institutional and Governance Framework for Implementation of SBAS in	—

WP02A – Appendix A - APIRG/25 Conclusions/Decisions – Action Plan

Con/Dec No.	Title of Conclusion/Decision	Text of Conclusion/Decision	Responsibility	Deliverable(s)/ Expected Outcome(s)	Target date	Status	Action by ANC
ICAO SO							
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
APIRG/25 Conclusion 25/25 --- A & B	Elimination of Coordination failure events with the MID Region	<p>That, to eliminate the continued events of coordination failure with the State of Yemen:</p> <p>a) The Secretariat to coordinate with the MID region to engage the concerned States to identify the root causes of the coordination failure and provide mitigation measures;</p> <p>b) States to adopt the LHD Analysis Form and the LHD Preventative/Mitigation Measures Form (Appendix 3P) especially for those LHDs of long-duration or LHD hot spots and use the LHD Material Package when conducting investigations as guidance;</p> <p>c) States to apply the Cross-Boundary LHD coordination procedure (Appendix 3P) with the LHD Point of contact;</p> <p>d) States to distribute the LHD FAQ (Appendix 3P) to promote LHD reporting among relevant units; and</p> <p>e) The secretariat to assist in the translation of the LHD Material Package into French.</p>	<p>Secretariat</p> <p>States</p>	<p>The Secretariat- identify the root causes of the coordination failure and provide mitigation measures;</p> <p>States- adopt the LHD Analysis Form and the LHD Preventative/Mitigation Measures Form</p> <p>States- apply the Cross-Boundary LHD coordination procedure;</p> <p>States- distribute the LHD FAQ</p> <p>The Secretariat- assist in the translation of the LHD Material Package into French.</p>	By APIRG/26 meeting	<p>In Progress</p> <p>Coordination meeting held between the MID and ESAF states and the RMAs in Cairo on 31 Jan – 2 Feb 2023.</p> <ul style="list-style-type: none"> Virtual coord. Meeting held between Ethiopia, Djibouti and Somalia on 18 July 2023 States are reporting to ARMA on the forms provided. 	—

WP02A – Appendix A - APIRG/25 Conclusions/Decisions – Action Plan

Con/Dec No.	Title of Conclusion/Decision	Text of Conclusion/Decision	Responsibility	Deliverable(s)/ Expected Outcome(s)	Target date	Status	Action by the Air Navigation Commission (ANC)
ICAO SO							
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
APIRG/25 Conclusion 25/26 --- A & B	Notification of Status of RVSM Approvals	That, to ensure the notification of RVSM approval status as requires: a) States to liaise with their aircraft operators to refrain from indicating ‘W’ in item 10 of the ICAO flight plan for aircraft that are not approved for RVSM operations; b) States should review the list of non-approved aircraft published in the ARMA website and take action as required; and c) States to ensure the national registered airframes are issued with valid RVSM Approvals and that they are complying with flight planning requirements.	States ARMA Secretariat	States: - review the list of non-approved aircraft published in the ARMA website	By APIRG/26 meeting	In progress refer to AAO SG 6 report	—
APIRG/25 Decision 25/27 — A&B	Aircraft operations in the RVSM airspace	To improve the aircraft operational safety in the RVSM airspace, ARMA to conduct annual workshops to RVSM National Project Managers and other relevant stakeholders.	ARMA Secretariat	Annual workshops conducted	31 December 2023	In progress refer to AAO SG 6 report	—

WP02A – Appendix A - APIRG/25 Conclusions/Decisions – Action Plan

Con/Dec No.	Title of Conclusion/Decision	Text of Conclusion/Decision	Responsibility	Deliverable(s)/ Expected Outcome(s)	Target date	Status	Action by ANC
ICAO SO							
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
APIRG/25 Conclusion 25/28 — A&B	Utilization of the PBCS Implementation Guidelines	That, to facilitate the implementation of the PBCS in the Region; a) States to familiarise themselves with the Regional PBCS Plan published on the ARMA website; b) States to complete a survey on the status of the planned implementation of PBCS in their respective FIRs to determine readiness; and c) States are to advise air operators to withdraw the use of performance-based separation minima requiring PBCS where aircraft data link performance is not compliant with RCP and RSP 95% operating criteria	States ARMA Secretariat	States to complete the survey States to advise air operators	By APIRG/26 meeting	In progress	—

WP02A – Appendix A - APIRG/25 Conclusions/Decisions – Action Plan

Con/Dec No.	Title of Conclusion/Decision	Text of Conclusion/Decision	Responsibility	Deliverable(s)/ Expected Outcome(s)	Target date	Status	Action by ANC
ICAO SO							
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
APIRG/25 Decision 25/29 --- A & B	Completion of the Regional eANP	<p>That to finalize the development of the Volume III and the amendment of the Volumes I and II of the eANP,</p> <p>a) States to review the draft eANP Volume III and provide the Secretariat with their feedback by 31 March 2023, for consolidation and subsequent formal approval by the APIRG through the APCC; and</p> <p>b) States and the Secretariat to expedite the amendment of the Volumes I and II of the AFI eANP, as appropriate, by 30 June 2023.</p>	<p>a) Circulation of the draft eANP Volume III to States for review and feedback</p> <p>b) secretariat to reformat the Volumes I and II, organize workshops with States on the updating of the eANP, and consolidate the Proposals for amendment (PfAs)</p>	<p>a) Final</p> <p>b) Three States have provided feedback</p> <p>c) Secretariat considered the feedback of States to consolidate the Vol III</p>	By APIRG/26 meeting	<p>In Progress</p> <p>Draft Voll III circulated to States through SL T17/5.1 – 0041 dated 20 Jan. 2023</p> <p>Thre States provided comments of Draft Volume III of the eANP. released.</p> <p>Draft Vol III consolidated and released.</p> <p>Ongoing update of Vol I and II.</p>	—

WP02A – Appendix A - APIRG/25 Conclusions/Decisions – Action Plan

Con/Dec No.	Title of Conclusion/Decision	Text of Conclusion/Decision	Responsibility	Deliverable(s)/ Expected Outcome(s)	Target date	Status	Action by the Air Navigation Commission (ANC)
ICAO SO							
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
<p>APIRG/25 Conclusion 25/30 ---</p> <p>A & B</p>	<p>Identification, notification, and resolution of Regional Air Navigation Deficiencies</p>	<p>That, to ensure full implementation of the Air Navigation deficiencies management process:</p> <p>a) States and Organizations to identify and notify to their ICAO accredited Regional Offices, air navigation deficiencies as appropriate;</p> <p>b) The Secretariat to coordinate with States that have not yet done so, the appointment of qualified and experienced Focal Points and SMEs tasked to coordinate the Air Navigation Deficiencies related activities; and</p> <p>c) States and Organizations with the support of the Secretariat, when required, to conduct workshops to raise stakeholders’ awareness on the Air Navigation deficiencies for their effective identification, notification and resolution.</p>	<p>States</p> <p>Organizations</p> <p>Secretariat</p>	<p>a) Notification of deficiencies through the AANDD</p> <p>b) Nomination of AAND focal points</p> <p>c) Organization of training workshops</p>	<p>By APIRG/26 meeting</p>	<p>In Progress</p> <p>a) States /Organizations updated on the reporting of air navigation deficiencies. Deficiency notification received from South Africa and ARMA</p> <p>b) 79% of States and Organizations have nominated their focal points nominated</p> <p>c) Workshop held on the management of air navigation deficiencies through the AANDD</p>	<p>—</p>
<p>APIRG/25 Decision 25/31 —</p> <p>A&B</p>	<p>Election of the Chairperson of the AFI VOLCEX Steering Group</p>	<p>That, in order to guide the work of the Regional VOLCEX Steering Group, Mr. Fredrick Etemesi from Kenya is elected as Chairperson of the Group.</p>	<p>Election of the Chairperson of the Steering Group.</p>	<p>Kenya elected as the VOLCEX SG Chairperson.</p>	<p>By the end of the APIRG/25 meeting</p>	<p>Completed</p>	<p>—</p>

WP02A – Appendix A - APIRG/25 Conclusions/Decisions – Action Plan

Con/Dec No.	Title of Conclusion/Decision	Text of Conclusion/Decision	Responsibility	Deliverable(s)/ Expected Outcome(s)	Target date	Status	Action by ANC
ICAO SO							
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
APIRG/25 Decision 25/32 — A & B	Consideration of lessons learned from the Regional VOLCEX 21/01	That, to benefit from lessons learnt from the first volcanic ash exercise: a) The Lead State of the next volcanic ash exercise be urged to consider and address the issues raised in the report of the first Regional VOLCEX 21/01, and; b) Report on the implementation to the Regional VOLCEX/SG2 Meeting.	DRC as the Leader State to develop the VA exercise Directive and Schedule.	The 2023 VA exercise Directive and Schedule developed and implemented.	By the end of the APIRG/25 meeting	In Progress The VOLCEX/SG2 Meeting was held on 18 July to discuss the preparation of the second VA exercise and guidance were provided to DRC to work on the preparation of the 2023 Exercise (December 2023).	—
APIRG/25 Decision 25/33 --- A & B	Conduct of the Regional VOLCEX 23/01 exercise in the AFI Region.	That, to conduct the second volcanic ash exercise in the region, the Democratic Republic of Congo be designated as the Lead State of the Regional VA Exercise 23/01.	APIRG to adopt the proposal to have the DRC as the 2023 exercise Leader.	DRC was designated as the 2023 Exercise leader.	By the end of the APIRG/25 meeting	Completed	—
APIRG/25 Decision 25/34 --- A & B	Approval of the updated Terms of reference of Regional VOLCEX Steering	That, to provide additional guidance on attributes of the Regional VOLCEX/SG including the composition, administration and functions of the group, the updated ToR of the Regional VOLCEX Steering Group be endorsed as per Appendix 3N to this Report.	APIRG to approve the ToRs of the VOLCEX/SG.	Approved ToRs of the VOLCEX/SG are provided in Appendix 3N to APIRG/25 Report.	By the end of the APIRG/25 meeting	Completed	—

WP02A – Appendix A - APIRG/25 Conclusions/Decisions – Action Plan

Con/Dec No.	Title of Conclusion/Decision	Text of Conclusion/Decision	Responsibility	Deliverable(s)/ Expected Outcome(s)	Target date	Status	Action by the Air Navigation Commission (ANC)
ICAO SO							
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
APIRG/25 Decision 25/35 — A&B	Future Work Programme of AFI VOLCEX Steering Group	That, to enable the VOLCEX/SG to achieve the group's objectives for 2022/2023, the updated Work Programme of the Group in Appendix 30 to this Report is endorsed.	APIRG to approve the Work Programme of the VOLCEX/SG.	Approved Work Programme of the VOLCEX/SG is provided in Appendix 30 to the APIRG/25 Report.	By the end of the APIRG/25 meeting	Completed	—
APIRG/25 Decision 25/36 — A&B	Survey of Aeronautical Mobile Service	That, to ensure an efficient monitoring of the performance of the Regional Mobile Communication Service: a) The mandate assigned to IATA for the conduct of AMC Surveys every 18 months under APIRG Conclusion 16/20 and Decision 16/19 is terminated as a result of the annual meeting cycle prescribed for PIRGs; b) States are urged to report to ICAO Regional Offices Aeronautical Mobile Service deficiencies in accordance with the Uniform Methodology for the Identification, Assessment and Reporting of Air Navigation Deficiencies; and c) The APIRG IIM/SG to review and analyze Aeronautical Mobile Communications data in the region based on available methods (e.g. AANND, UCR/ASR and States Service and Technical Reports).	States are urged to report the Aeronautical Mobile Service deficiencies to the ICAO Regional Offices.	Aeronautical Mobile Service deficiencies reported.	Ongoing	In Progress The IATA mobile survey has been on –going periodically since APIRG/16 (APIRG Conclusion 16/20), every 18 months.	—

WP02A – Appendix A - APIRG/25 Conclusions/Decisions – Action Plan

Con/Dec No.	Title of Conclusion/Decision	Text of Conclusion/Decision	Responsibility	Deliverable(s)/ Expected Outcome(s)	Target date	Status	Action by the Air Navigation Commission (ANC)
ICAO SO							
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
APIRG/25 Conclusion 25/37 --- A & B	Improvement of NOTAM filtering by automated systems and assignment of location indicators	<p>That, to ensure the availability of comprehensive aeronautical information promulgated through NOTAM to airspace users who rely on the automated systems, and to ensure proper distribution of Flight plans and associated messages to the relevant ATS units,</p> <p>a) States/Organizations that have implemented automated systems for filtering NOTAMs, to ensure that those systems fully comply with the NOTAM selection criteria, including when the Item A) is filled with two Nationality letters followed by “XX”, and update the said systems, as appropriate; and</p> <p>b) Burkina Faso, Mali, Mauritania, and Togo to coordinate with ICAO for the assignment of appropriate Location indicators for their respective Flight information centers/Upper control areas.</p>	<p>a) Improvement of automated systems for filtering NOTAMs for compliance with NOTAM selection criteria</p> <p>b) Assignment of appropriate Location indicators for Flight information centers/Upper control areas of Burkina Faso, Mali, Mauritania, and Togo.</p>	<p>a) Automated systems for filtering NOTAMs compliant with NOTAM selection criteria</p> <p>b) Appropriate Location indicators for Flight information centers/Upper control areas</p>	By the APIRG/26 meeting	<p>In Progress</p> <p>a) Automated systems for filtering NOTAMs compliant with NOTAM selection criteria implemented.</p> <p>b) Appropriate Location indicators for Flight information centers/Upper control areas of Burkina Faso, Mali, Mauritania, and Togo.</p>	—

WP02A – Appendix A - APIRG/25 Conclusions/Decisions – Action Plan

Con/Dec No.	Title of Conclusion/Decision	Text of Conclusion/Decision	Responsibility	Deliverable(s)/ Expected Outcome(s)	Target date	Status	Action by the Air Navigation Commission (ANC)
ICAO SO							
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
APIRG/25 Conclusion 25/38 --- A & B	Implementation of modern Aeronautical Fixed Service (AMHS and AIDC)	That, to ensure an effective implementation of modern Aeronautical ground/ground communications: a) ICAO with the support of stakeholders from the industry (Manufacturers, ANSPs, Communication Service Providers, Users...) to develop and implement by 30 June 2023, Training platforms or Webinars to promote and assist in the migration from AFTN to AMHS and the implementation of AIDC in the region; and b) States to update their SMEs contact details and share implementation status, challenges or issues encountered during the implementation of AMHS and AIDC with other ANSPs/States.	ICAO Industry	Training platforms developed.	30 June 2023	In progress A document to serve as a practical guidance for the implementation of AIDC between two adjacent automated centres of different States (WP) presented at SADC and NAFISAT VSAT SB Meetings.	—

WP02A – Appendix A - APIRG/25 Conclusions/Decisions – Action Plan

Con/Dec No.	Title of Conclusion/Decision	Text of Conclusion/Decision	Responsibility	Deliverable(s)/ Expected Outcome(s)	Target date	Status	Action by ANC
ICAO SO							
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
<p>APIRG/25 Conclusion 25/39</p> <p>—</p> <p>A&B</p>	<p>Prevention and mitigation of Interference related to the rollout of 5G</p>	<p>That, to ensure a robust protection of the aeronautical spectrum, in particular for the operation of the radio-altimeter and satellite based VSAT in the C-Band, States to:</p> <p>a) undertake a safety risk assessment to analyze the hazards that may be introduced prior to implementation of 5G and institute mitigatory strategies;</p> <p>b) consider as a precaution to create, when necessary, a buffer on the approach and departure segments of the major airports; and</p> <p>c) sensitize the National Authority of Telecommunication to exercise caution during the approval process of the 5G network by ensuring that the rollout is outside the frequency spectrum band operated by these services or is properly protected.</p>	States	<p>a) Risk assessment mechanism established, and mitigation strategy developed.</p> <p>b) National Authority of Telecommunications sensitized</p>	By the APIRG/26 meeting	<p>In Progress</p> <p>The Regional Offices are supporting the IIM CNS related Project to assist States in mitigation the impacts of the 5G.</p> <p>ICAO AFI Regional Workshop on 5G Interference was held on 14 August 2023 to raise awareness on potential safety hazards due to 5G interference, promoting best practices and equipping aviation and telecommunication regulators with key technical and regulatory knowledge to manage this risk proactively in their respective countries (148 Participants)</p>	—

WP02A – Appendix A - APIRG/25 Conclusions/Decisions – Action Plan

Con/Dec No.	Title of Conclusion/Decision	Text of Conclusion/Decision	Responsibility	Deliverable(s)/ Expected Outcome(s)	Target date	Status	Action by ANC
ICAO SO							
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
APIRG/25 Decision 25/40 – A&B	Incorporation of Research, Development and Innovation (RDI) in the APIRG Work Programme	That, to ensure States, benefit from RDI: a) An RDI Task Force be established by 30 June 2023 to foster the RDI initiatives in the region; and b) States to promote RDI in their operation and share implementation experiences.	APIRG to establish the RDI Task force. a) States to take actions promote RDI in their operation.	RDI Task force established. RDI promoted in States operation.	Ongoing	Not started	—
APIRG/25 Conclusion 25/41 – A & B	Establishment of the GADSS Project Management Team	That to coordinate a harmonised implementation of GADSS in the Region: a) The Secretariat to coordinate the establishment of a GADSS Project Management Team which includes technical experts from States, ANSPs, Airspace users, SAR communities, aircraft manufactures and other concerned international organisations by 30 June 2023; and b) The Secretariat conduct workshops to provide awareness to the Project Management Team.	Secretariat	GADSS project team established. Awareness workshops to the project team conducted	30 June 2023	In progress GADSS refresher workshop carried out for the Southern States on 26 July 2023.	—

WP02A – Appendix A - APIRG/25 Conclusions/Decisions – Action Plan

Con/Dec No. ICAO SO	Title of Conclusion/Decision	Text of Conclusion/Decision	Responsibility	Deliverable(s)/ Expected Outcome(s)	Target date	Status	Action by the Air Navigation Commission (ANC)
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
APIRG/25 Decision 25/42 --- A & B	ADS-B Mandate in the Regional RVSM airspace	<p>That, in compliance with the provisions of APIRG Conclusion 22/38, and its implementation status:</p> <p>a) States and ANSPs be encouraged to introduce ADS-B-based procedures in air traffic management as soon as the Transponder Extended Squitter 1090 MHz carriage rate of aircraft in their airspace exceeds 90%, without penalizing none equipped aircraft; and</p> <p>b) ICAO ESAF and WACAF Regional Offices, in coordination with IATA and the ANSPs, plan and conduct an annual survey of the level of ADS-B equipage of aircraft fleet in the Region.</p>	<p>States/ANSPs</p> <p>Secretariat</p>	<p>ADS-B-based procedures introduced.</p> <p>Annual survey of the level of ADS-B equipage of aircraft fleet conducted.</p>	By the APIRG/26 meeting	<p>In progress</p> <p>Annual survey of the level of ADS-B equipage of aircraft fleet in the Region is ongoing. Two (02) States- Kenya and Zimbabwe sent responses.</p>	—

WP02A – Appendix A - APIRG/25 Conclusions/Decisions – Action Plan

Con/Dec No.	Title of Conclusion/Decision	Text of Conclusion/Decision	Responsibility	Deliverable(s)/ Expected Outcome(s)	Target date	Status	Action by ANC
ICAO SO							
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
<p>APIRG/25 Conclusion 25/43</p> <p>—</p> <p>A&B</p>	<p>Completion of the Regional Annual Air Navigation Report</p>	<p>That to complete the drafting of the Regional Air Navigation Report in an all-inclusive harmonized manner:</p> <p>a) The Regional Air Navigation Report Team complete the drafting of the report and circulate it to stakeholders for review and comments by 31 December 2022; and</p> <p>b) The Secretariat to release the First Edition of the Regional Air Navigation Report by 31 March 2023.</p>	<p>a) Secretariat to circulate the draft Air Navigation Report.</p> <p>b) The Secretariat to finalize the Regional Air Navigation Report for publication.</p>	<p>a) Draft regional Air Navigation Report circulated to States</p> <p>b) Regional Air Navigation Report released.</p>	<p>31 December 2022</p> <p>31 March 2023</p>	<p>In Progress</p> <p>The finalization of the Regional Air Navigation Report is underway. The report will be presented to the meeting</p>	<p>—</p>
<p>APIRG/25 Conclusion 25/44</p> <p>—</p> <p>A&B</p>	<p>Prevention of the use of the non- standard FL420</p>	<p>That to prevent the use of FL420 and improve the safety in the RVSM airspace,</p> <p>a) State oversight organs to take action to ensure the arrest of the use of the nonstandard FL420;</p> <p>b) ANSPs and air operators to conduct refresher courses with focus on flight levels allocation scheme for personal concerned with flight planning and flight operations, including pilots, air traffic controllers, AIS officers and flight despatchers; and</p> <p>c) States to provide data to ARMA as part of LHD report whenever the use of the non-standard FL420 is recorded.</p>	<p>States</p> <p>ANSPs and air operators</p> <p>ARMA</p>	<p>Prevention of the use of the non-standard FL420</p> <p>Refresher courses conducted.</p> <p>State reports on the use of the non-standard FL420</p>	<p>By the APIRG/26 meeting</p>	<p>In progress</p> <p>Sensitization carried out at the SAT states awareness workshop on 11 Sept 2023</p> <p>Virtual workshop on LHD scheduled for 7 November 2023</p>	<p>—</p>

WP02A – Appendix A - APIRG/25 Conclusions/Decisions – Action Plan

Con/Dec No. ICAO SO	Title of Conclusion/Decision	Text of Conclusion/Decision	Responsibility	Deliverable(s)/ Expected Outcome(s)	Target date	Status	Action by the Air Navigation Commission (ANC)
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
APIRG/25 Decision 25/45 --- A & B	Support to the APIRG activities	That, to assist in resolving challenges identified in the region, ICAO in coordination with the industry within the framework of the APIRG mechanism to: a) Support capacity building on cyber resilience of air navigation systems through webinars/workshops/seminars; b) Develop additional guidance material and tools to assist States and the industry in the implementation of the ASBU elements; c) Conduct specific workshops on the ASBU elements to support States and industry efforts in the implementation activities; and d) Finalize the digitalization of the eANP.	Secretariat to conduct capacity building workshops on the GANP. Secretariat to develop guidance on the implementation of the ASBU elements. Secretariat to finalize the digitalization of the GANP.	Capacity building workshop conducted. Guidance developed. GANP digitalized.		In Progress Capacity building workshop conducted. Excel Tool developed to assist States in reporting on their ASBU implementation. Automation of the Excel Tool ongoing. Digitalization of the GANP ongoing.	—
APIRG/25 Decision 25/46 --- A & B	Review and endorsement of the APIRG Work Programme for 2022-2023	That, the Work Programmes and activities for 2022-2023 of APIRG and its Subsidiary Bodies be adopted as provided in Appendix 3Q to this Report.	APIRG	APIRG work programme endorsed	APIRG25	Completed	—