



ICAO

## INTERNATIONAL CIVIL AVIATION ORGANIZATION

## Twenty-Fifth Meeting of the AFI Planning and Implementation Regional Group (APIRG/25)

8 to 9 November 2022

**Agenda Item 2: Follow-up on APIRG/24 meeting Conclusions and Decisions and Review of the outcomes of the APCC/7 Meeting**

**2.2. Review of the status of implementation of APIRG/24 Conclusions and Decisions**

*(Presented by the Secretariat)*

<b>SUMMARY</b>
This paper presents information on the status of implementation and activities undertaken by the Secretariat, States and other stakeholders on the Conclusions and Decisions adopted by the APIRG/24 meeting.
<b>REFERENCE(S):</b> <ul style="list-style-type: none"> <li>• APIRG/24 Meeting report</li> </ul>
<b>Related ICAO Strategic Objective(s):</b> <i>A – Safety, B – Air Navigation Capacity and Efficiency, D – Economic Development of Air Transport, and E – Environmental Protection.</i>
Action by the meeting is in paragraph 3

**1. INTRODUCTION**

1.1. The review of implementation of AFI Planning and Implementation Regional Group (APIRG) and the APIRG Projects Coordination Committee (APCC) meetings Conclusions and Decisions is an important element in the monitoring and evaluation process of APIRG activities. This paper provides the status of the implementation of Conclusions and Decisions of the APIRG/24 meeting.

**2. DISCUSSION**

2.1 The APIRG/24, held virtually and jointly with the Seventh Meeting of the Regional Aviation Safety Group (RASG-AFI/7) from 1 to 8 November 2021, adopted twenty-five (25) Conclusions and twenty-seven (27) Decisions. The status of their 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/24 Conclusions and Decisions as per the **Appendix** to this Paper; and
- b) review and propose further action as necessary considering the discussions, to facilitate implementation of open items.

## WP02B – Appendix A - APIRG/24 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/24 Decision 24/01  --- A & B	<b>Election of the Chairperson, the First Vice-Chairperson and the Second Vice-Chairperson of APIRG.</b>	That, in order to guide the activities of the APIRG, the following were elected:  Mr. Gotz Georg Tobias Günzel, Deputy Director General, Namibia CAA - Chairperson Mrs. Paule Assoumou Koki, Director General, Cameroon CAA First Vice-Chairperson Mr. Oumar Ba, Director General, Mali CAA -Second Vice-Chairperson	APIRG24	Chairperson, the First Vice-Chairperson and the Second Vice-Chairperson of APIRG elected	APIRG24	<b>Completed</b>	—
APIRG/24 Decision 24/02  --- A & B	<b>Establishment of the AFI Volcanic Ash Exercise Steering Group</b>	That, in order to ensure effective coordination of the volcanic ash exercise activities in the AFI region, the AFI Volcanic Ash exercise Steering Group is established as per its Terms of reference provided in Appendix 3C	APIRG24	APIRG to approve the establishment of AFI VOLCEX SG.  AFI VOLCEX SG established	APIRG24	<b>Completed</b>	
APIRG/24 Decision 24/03  — A&B	<b>Membership of the APCC</b>	That, in order to take advantage of the contributions of AFCAC and the industry, the membership of APCC is expanded to AFCAC and IATA as the industry representative	APIRG24	Membership of APCC expanded to AFCAC and IATA	APIRG24	<b>Completed</b>	—

<p><b>APIRG/24 Decision 24/04 --- A &amp; B</b></p>	<p><b>Election of the Chairperson and Vice-Chairperson of the AAO/SG.</b></p>	<p>That, In order to guide the discussions of the Sub-Group, Mr. Billy Diabasenga (Democratic Republic of Congo) and Nathan Kaluba (Zambia) were elected as Chairperson and Vice Chairperson of the Sub-Group, respectively.</p>	<p>APIRG24</p>	<p>Chairperson and Vice Chairperson of the Sub-Group elected</p>	<p>APIRG24</p>	<p><b>Completed</b></p>	<p>—</p>
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APIRG/24 Conclusion 24/05  —  A&B	Implementation of the AFI ATM Master Plan (AAMP)	That; To enable the completion of the AFI ATM Master Plan (AAMP), The Vision Document and the ATM Concept of Operations (CONOPS) document: a) States/Organizations to confirm by 31 December 2021, the availability of previously nominated AFI ATM Master Plan (AAMP) project members to continue with the project or nominate suitable alternatives and ensure their effective participation as project team members; and b) The Secretariat in coordination with the Project Team to present the first draft of the AFI ATM Master Plan to APIRG/25	ICAO Secretariat  States/ Organisations	New members incorporated.  First draft of the AFI ATM Master Plan submitted to APIRG/25	APIRG25	<b>In progress</b> SL: ES AN 1/6 – 0332 circulated, new members presented at AAO SG/5.  AAMPT workshop conducted on 10-14 October 2022 to complete the development of the 1 <sup>st</sup> Draft AAMP, Vision 2045 Document and Future CONOPS	—

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APIRG/24 Conclusion 24/06  —  A&B	Review of the AFI ATM Contingency Plan (AFI ATM CP)	That; To ensure the availability of information pertaining to the AFI region contingency plans: a) States that have not done so, are urged to review and publish their National ATM CP, and forward the signed copies to ICAO Regional Offices by 31 December 2021; and b) States to establish and link their National ATM Contingency Plans to the ICAO Webpage of ATM Contingency Plans, by 31 December 2021.	a).States          b). States	a). 50% of signed CP received. Some still outdated.    b). ICAO webpage ready, pending links from States	a).31/12/2021          b). 31/12/2021	In progress Only 1 State – South Africa provided the Link to CP	—
APIRG/24 Decision 24/07  --- A & B	Review of the AFI ATM Contingency Plan (AFI ATM CP)	That; In order to ensure the availability of information pertaining to the AFI region contingency plans, the Second Version of the AFI ATM Contingency Plan in Appendix 3 to the AAO/SG Report is endorsed.	APIRG24	Second Version of the AFI ATM Contingency Plan endorsed	APIRG24	Completed	—

<p><b>APIRG/24 Conclusion 24/08</b></p> <p>—</p> <p><b>A&amp;B</b></p>	<p><b>Implementation of the AFI Free Route Airspace (AFI FRA)</b></p>	<p>That, In order to foster a harmonized implementation of the AFI FRA within the stipulated timelines, States that have not already done so, to complete the FRA Gap Analysis checklist and forward to ICAO Regional Offices as a matter of urgency, using the provided survey tool: <a href="https://www.surveymonkey.com/r/Preview/?sm=3CzP166ETNuFuWD9Ot_d2CNEEJJetf9yXt_2FWdFyCzfsWZ_O7XUx_2B_2BWJ6iyGBKffJKJ">https://www.surveymonkey.com/r/Preview/?sm=3CzP166ETNuFuWD9Ot_d2CNEEJJetf9yXt_2FWdFyCzfsWZ_O7XUx_2B_2BWJ6iyGBKffJKJ</a></p>	<p>States</p>	<p>Gap Analysis completed and report provided</p>	<p>31/12/2021</p>	<p><b>Completed</b> Report provided at AAO SG/5</p>	<p>—</p>
<p><b>APIRG/24 Decision 24/09</b></p> <p>---</p> <p><b>A &amp; B</b></p>	<p><b>Implementation of the AFI Free Route Airspace (AFI FRA)</b></p>	<p>That, in order to foster a harmonized implementation of the AFI Free Route Area (FRA) within the stipulated timelines, the meeting endorses the draft AFI FRA CONOPS in Appendix 3E to this Report</p>	<p>APIRG24</p>	<p>AFI FRA CONOPS endorsed</p>	<p>APIRG24</p>	<p><b>Completed</b></p>	<p>—</p>

WP02B – Appendix A - APIRG/24 Conclusions/Decisions – Action Plan

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APIRG/24 Decision 24/10 — A&B	<b>Improvement of Search and Rescue Services in the AFI Region</b>	That, In order to have an improved and harmonized implementation of the Search and Rescue Services in the AFI region: a) The AFI SAR Plan in Appendix 5 is endorsed; and b) States are urged to harmonize their National SAR Plans with the Regional SAR Plan.by 30 September 2022	a)APIRG 24  b) States	AFI SAR Plan in Appendix 5 is endorsed  National SAR Plans harmonized with the Regional SAR Plan	a)1/11/2021  b) 30/9/2022	<b>In progress</b> a) AFI SAR Plan completed and endorsed by APIRG 24  b) Ongoing, Pending State Reports	—
APIRG/24 Conclusion 24/11 — A&B	<b>Implementation of the AFI SSR CMP</b>	That, In order to ensure the smooth implementation of the adopted AFI SSR CMP, States promote awareness to all stakeholders on the AFI SSR CMP in preparation for the proposed implementation date of 2 December 2021.	States	Implementation and monitoring period completed in November 2021	2/12/2021	<b>Completed.</b> Report presented to AAO SG/5	—

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APIRG/24 Conclusion 24/12  —  A&B	<b>Optimization of the ATS Route Structure in the AFI En-Route Airspace</b>	That, In order to optimize the ATS route structure in the AFI En-route airspace and foster the harmonized implementation of the RNAV/5, RNP/4, and RNP/2: a) States/ANSPs, IATA and AFRAA to collaborate and conduct a survey of aircraft equipage in the AFI region to facilitate RNAV/5, RNP/2 and RNP/4 planning decisions by 31 March 2022; b) States in coordination with ICAO, IATA, AFRAA and the AFPP identify trunk routes connecting major city pairs in the upper airspace and transit to/from aerodromes for RNAV/5, RNP/2 and RNP/4 implementation by 31 October 2022; c) ICAO Regional Offices and AFPP conduct a workshop by end of June 2022 on RNAV/5, RNP/2 and RNP/4 airspace concept design and assist States in developing capacity for required RNP regulatory approvals and in the implementation activities, for a safe and timely RNP implementation in the AFI region.	a)States/ ANSPs /IATA/AFR AA  b) ICAO Secretariat /IATA/AFR AA/AFPP  c) ICAO Secretariat /AFPP	a)AFRAA Route Lab held on 27Jun-1 July 22: Three Direct city pair RNAV routes identified for trial.  b)Identification of Trunk routes completed at AFRAA Route Lab; implementation pending.  c)Pending, Planned for Q1 of 2023	a) 31/3/2022  b) 31/10/2022  c) 30/6/2021	<b>In Progress</b> Ongoing work coordination with AFRAA, IATA and ICAO on development of Direct Trunk routes between key city pairs in Africa.	—



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APIRG/24 Decision 24/13  —  A&B	<b>Improved CCO/CDO Implementation</b>	That, in order to improve the continued implementation of CCO/CDO in support of PBN and foster the harmonized implementation approach, a) AFPP and ICAO Regional Offices to conduct a CCO/CDO implementation survey. b) States that have not already done so, confirm their CCO/CDO implementation status by providing to the respective ICAO Regional Offices copies of published procedures.	a) AFPP/ ICAO Secretariat          b) States/ICAO Secretariat	a) Survey Report - Not started          b) Ongoing through AFPP. Pending State reports on implementation status.	APIRG26	<b>In Progress:</b>  States continue to report on the implementation; very few States have provided any data.  Status of implementation in the region available in the AFPP report to APIRG.	—

<p><b>APIRG/24 Conclusion 24/14</b></p> <p>—</p> <p><b>A&amp;B</b></p>	<p><b>Adoption of a formalized SAT Structure and Handbook</b></p>	<p>That, in order to establish and operationalize a formalized structure for the provision of ATS improvements over the entire South Atlantic, the SAT structure and Handbook in Appendix 3G to this Report is endorsed as the governance framework for the SAT Group.</p>	<p>APIRG24</p>	<p>SAT structure and Handbook adopted</p>	<p>APIRG24</p>	<p><b>Completed</b></p>	<p>—</p>
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<p><b>APIRG/24 Conclusion 24/15</b></p> <p>—</p> <p><b>A&amp;B</b></p>	<p><b>Enhanced Implementation of Civil/Military Cooperation</b></p>	<p>That, in order to promote a harmonized implementation of the provisions of the Manual of Civil/Military Cooperation in ATM (ICAO Doc 10088) in the AFI region:</p> <p>a) States to conduct national awareness seminars, workshops, joint planning and provision of services where necessary on Civil/Military cooperation;</p> <p>b) States to request ICAO Regional Offices assistance where necessary in the implementation of specific Civil/Military activities and programmes;</p> <p>c) States to review the existing Special Use Airspaces (SUA) in order to facilitate the implementation of FUA; and</p> <p>d) States to engage with the concerned military authorities in order to improve availability of FUA, based on flight plannable directs post implementation data.</p>	<p>a) States</p> <p>b) States</p> <p>c) States</p> <p>d) States</p>	<p>SL – T 13/19-0111 and 1<sup>st</sup> follow-up Virtual workshop held on 7 Sept 2021</p> <p>2<sup>nd</sup> Follow-up Workshop rescheduled to December 2022.</p> <p>a) Pending State reports: only one updated report received since A24 from DRC.</p> <p>b) Only Rwanda made a request, and workshop facilitated</p>	<p>June 2023</p>	<p><b>In progress</b></p> <p>To continue the support to States, 2 C/M workshops planned, in Q4 2022 and Q2 2023 respectively. Pending State reports on status of implementation.</p>	<p>—</p>

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APIRG/24 Conclusion 24/16  —  A&B	<b>GRF Implementation and Monitoring</b>	That, in order to ensure effective implementation of Global Reporting Format (GRF), States to continuously update ICAO Regional Offices on the status of the implementation including the challenges encountered.	States	Status of implementation updated on GRF MAP after follow up workshop held in March 2022	Continuous	<b>In Progress</b> 1. Virtual webinar/workshop on GRF implementation held in March 2022 2. States currently updating Regional offices on milestones towards full GRF implementation 3. ICAO follow up virtual workshops on GRF implementation for Burundi, Malawi, in August 2022	—
APIRG/24 Decision 24/17  —  A&B	<b>Implementation of the Airport Collaborative Decision Making (A-CDM)</b>	That, in order to foster the implementation of Airport Collaborative Decision Making (A-CDM), ICAO Regional Offices in collaboration with stakeholders such as CANSO, to conduct workshop(s) on A-CDM by June 2022 and encourage States to participate.	States/CANSO/ ICAO Secretariat	Rescheduled to Oct.2022	31/10/2022	<b>In Progress</b> ACDM identified as one of ASBU elements for AFI Region. Workshop rescheduled to in cooperate APIRG/25 conclusions.	—

<p><b>APIRG/24 Conclusion 24/ 18</b></p> <p>—</p> <p><b>A&amp;B</b></p>	<p><b>Building Back Better Air Navigation Systems</b></p>	<p>That, in order to build-back-better air navigation systems, ICAO is to organize seminars on innovations, emerging technologies and business models with leverage on the benefits of Artificial Intelligence, Big Data and digitalization, etc. for the modernization of the provision of air navigation systems and services in the region and support the Yamoussoukro Declarations (YD), Single African Air Transport Market (SAATM) and Africa Continental Free Trade Area (AfCFTA) objectives.</p>	<p>ICAO Secretariat</p>	<p>ICAO to organize seminars on innovation, emerging technologies and business models</p> <p>Innovation seminar</p>	<p>Continuous</p>	<p><b>In Progress Activity to be incorporated in the Regional Offices innovation webinars.</b></p>	<p>—</p>
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APIRG/24 Decision 24/19 — A&B	<b>Implementation of the Sixth Edition of the Global Air Navigation Plan (GANP) within the AFI Region</b>	That, in order to foster the implementation of the Global Air Navigation Plan, ICAO Regional Offices to conduct a workshop on ASBU Elements contained in the sixth Edition of the GANP by 30 June 2022.	ICAO Secretariat	ESAF and WACAF Offices to conduct a workshop on the GANP	30 June 2022.	<b>Completed</b> Workshop conducted. States are updated on the sixth edition of the GANP (12-13 July 2022)	—
APIRG/24 Decision 24/20 — A&B	<b>Election of the Chairperson and Vice-Chairperson of the IIM Sub-Group</b>	That, in order to guide the work of the IIM Sub-Group, Ms. Anne Njeri Gitau from Kenya and Mr. Issoufou Abdoulaye from Niger are elected as Chairperson and Vice Chairperson of the IIM Sub-Group, respectively.	APIRG24	Chairperson and Vice Chairperson of the IIM Sub-Group elected	APIRG24	<b>Completed</b>	—

<p>APIRG/24 Decision 24/21</p> <p>—</p> <p>A&amp;B</p>	<p><b>Collection of States’ Planning and Implementation activities information</b></p>	<p>That, in order to improve data availability on States’ planning and implementation activities, the Secretariat to explore other mechanisms as alternative to surveys</p>	<p>ICAO Secretariat</p>	<p>a) ICAO to provide a data collection tool</p> <p>b) States to use the data collection tool to report on regular basis their planning and implementation of air navigation services and facilities</p>	<p>APIRG/2 5</p>	<p><b>In progress.</b></p> <p>a.1) An Excel based data collection tool was developed in line with the applicable ASBU elements.</p> <p>a.2) A web platform is under development to integrate this data collection tool for online reporting.</p>	<p>—</p>
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APIRG/24 Conclusion 24/22 — A&B	<b>Nomination of States' National Coordinators and Focal points</b>	That, in order to facilitate the coordination of APIRG and its subsidiary bodies activities, States to nominate a National Coordinator for Planning and Implementation (NCPI) as well as focal points in each technical area (AOP, ATM/SAR, AIM, CNS and MET) and communicate their details to the ICAO Regional Offices by March 2022.	ICAO Secretariat	Secretariat to issue an SL to States requesting for the nomination of National Coordinator for Planning and Implementation (NCPI) as well as focal points in each technical area (AOP, ATM/SAR, AIM, CNS and MET)	March 2022.	<b>Completed</b> (a) SL to States distributed (b) List of NCPI and TFPs established	—
APIRG/24 Conclusion 24/23 — A&B	<b>Coordination of IIM Projects</b>	That, to ensure proper coordination and implementation of the Projects with coordination challenges: a) Nigeria, Mali and Togo to confirm their willingness to continue leading the projects AIM 3, COM 2, COM 1, and COM 4 respectively, and to nominate qualified experts to coordinate these projects by 31 March 2022; b) The Secretariat to proceed with their replacement if no response is received from the concerned States	ICAO Secretariat  States (Nigeria, Mali and Togo)	a) Nigeria, Mali and Togo to confirm their willingness to continue leading the projects AIM 3, COM 2, COM 1, and COM 4 through State Letter b) The Secretariat to proceed with their replacement if no response is received from the concerned States	31 March 2022;	<b>Completed</b> 1) NCAA/DAAS/ANS/ APIRG/Vol. 1/52 dated 30th March 2022 2) KCAA /5/10C/1.Vol 18/ (65) dated 13 April 2022 3) State Letter Ref.: T 17/6.11 - 0166 dated 5 May 2022	—



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APIRG/24 Decision 24/24 — A&B	<b>AFI SIGMET Guide and SIGMET Test Procedure</b>	That, in order to assist States/Organizations in providing SIGMET information in accordance with ICAO SARPs, the AFI SIGMET Guide contained in Appendix 3H and the AFI SIGMET Test Procedure contained in Appendix 3I are approved.	ICAO Secretariat	AFI SIGMET Guide and the AFI SIGMET Test Procedure approved	APIR G24	<b>Completed</b> Documents uploaded on the ICAO website	—
APIRG/24 Decision 24/25 — A&B	<b>Aeronautical Meteorological Personnel Competency Assessment</b>	That, in order to improve States' aeronautical meteorology personnel competency, the IIM Sub Group's MET Project 1, in coordination with States, to develop a process for assessing the competency of Aeronautical Meteorology Personnel within the AFI Region	IIM Sub Group's MET Project  States	Development of a process for assessing the competency of Aeronautical Meteorology Personnel within the AFI Region	APIRG25	<b>In Progress</b>  New MET Project created under IIMSG	—

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APIRG/24 Conclusion 24/26  —  A&B	<b>Traditional Alphanumeric Code (TAC) to IWXXM Translation agreements</b>	That, in the framework of the dissemination of OPMET data in the IWXXM format in the AFI Region:  a) States without the capability to generate OPMET data in IWXXM are encouraged to establish bilateral agreements with States that have IWXXM capability for translation of their TAC OPMET data to IWXMM format. b) RODBs Dakar and Pretoria in coordination with the Secretariat, to develop by 30 June 2022, a formal Regional plan to support the implementation of the IWXXM in the Region and formalize a bilateral agreement to conduct the IWXXM operationalization tests between the two IROGs and their corresponding ROC; and c) The Secretariat to record the Regional plans for follow-up purposes, maintain the list of Agreements and make the information available on the ICAO public website.	States  RODBs Dakar and Pretoria  ICAO Secretariat	Bilateral agreements between States  Regional plan to support the implementation of the IWXXM  List of Agreements available on the ICAO public website.	b)30 June 2022  c)Continuous	<b>In Progress</b>  RODB Dakar through ASECNA has proposed a plan for implementation the IWXXM for review by the two AFI RODBs	—

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APIRG/24 Decision 24/27 — A&B	<b>Approval of AFI Volcanic Ash Contingency Plan</b>	That, in order to provide States/Organizations with standardized guidelines and procedures for the provision of information to airlines and en-route aircraft before and during a volcanic eruption, the AFI ATM Volcanic Ash Contingency Plan, Edition 2021 (AFI VACP, Ed 2021) contained in Appendix 3J is endorsed	States/Organizations	APIRG to approve the AFI ATM Volcanic Ash Contingency Plan, Edition 2021 (AFI VACP, Ed 2021)	APIRG24	<b>Completed</b> AFI ATM Volcanic Ash Contingency Plan, Edition 2021 (AFI VACP, Ed 2021) available on the ICAO website	—
APIRG/24 Decision 24/28 — A&B	<b>Endorsement of the AFI Volcanic Ash Exercise Operational Instructions and Directives</b>	That, in the framework of the conduct of the volcanic ash exercise in the AFI region, the AFI Volcanic Ash Exercise Operational Instructions (AFI VOLCEX OPINS) and the Volcanic Ash Exercise Directives contained in Appendix 3K are endorsed	APIRG24	APIRG to endorse the AFI Volcanic Ash Exercise Operational Instructions and Directives	APIRG24	<b>Completed</b> AFI Volcanic Ash Exercise Operational Instructions and Directives available on the ICAO website	—
APIRG/24 Decision 24/29 — A&B	<b>Adoption of the MET Project 3 Terms of Reference and the Project deliverables for 2021-2022</b>	That, the proposed MET Project 3 Terms of References and its associated Project deliverables contained in Appendix 3L are endorsed	APIRG24	IISMG MET Project 3 Terms of References and its associated Project Deliverables adopted	APIRG24	<b>Completed</b>	—

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ICAO SO							
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
APIRG/24 Decision 24/30  —  A&B	<b>Alignment of the Regional Air Navigation Plan with the 6th Edition of the GANP</b>	That, in order to ensure consistency between the AFI Regional air navigation plan and the GANP:  a) The Secretariat to coordinate with the AAO and IIM Subgroups Projects teams to identify the applicable elements of ASBU for the AFI region, by 31 July 2022; and  b) The Secretariat to coordinate the development of a draft revised Regional Air Navigation Implementation Plan for integration into the AFI eANP Volume III.	ICAO Secretariat   APIRG Project Teams	a) Identify the 6th edition GANP ASBU elements applicable to the region  b) Determine the status of implementation of applicable ASBU elements in AFI States  c) Conduct gaps analysis  d) Prepare a draft revised Regional Air Navigation Implementation Plan	31 July 2022	<b>In progress</b>  The Secretariat has developed the first draft of the revised AFI eANP Vol III which is aligned to the 6 <sup>th</sup> Edition of the GANP.	—
APIRG/24 Decision 24/31  —  A&B	<b>Alignment of Projects to ASBU references in the GANP</b>	That, in order to incorporate changes introduced by the 6th Edition of the GANP and its impact on the Regional and National Plans, Project Team Coordinators to align project references to the 6th Edition of the GANP Groups, Threads and Elements by 31 March 2022.	APIRG Project Teams	Project references aligned to the 6th Edition of the GANP Groups, Threads and Elements by 31 March 2022.	31 March 2022.	<b>In progress</b>  APIRG IIM CNS, AIM and MET Project references were reviewed and aligned with ASBU applicable elements of the 6th edition of the GANP	—

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Con/Dec No.	Title of Conclusion/Decision	Text of Conclusion/Decision	Responsibility	Deliverable(s)/ Expected Outcome(s)	Target date	Status	Action by the ANC
ICAO SO							
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
APIRG/24 Decision 24/32  — A&B	<b>Incorporation of Research, Development and Innovation (RDI) in the APIRG Work Programme</b>	That, in order to assist AFI States with addressing the implementation of operational requirements and ASBU elements, the work programmes of APIRG and its auxiliary bodies be amended to include activities related to Research, Development and Innovation (RDI).	ICAO Secretariat	Updated APIRG work structure	APIRG25	<b>Not implemented</b>	—
APIRG/24 Conclusion 24/33  — A&B	<b>Measures to improve the availability of OPMET data in the AFI Region</b>	That, in order to address safety issues related to the unavailability of OPMET data: a) States/Organizations to implement measures provided in the AFI OPMET availability Action Plan contained in Appendix 3M and report quarterly to the Secretariat; and b) The Secretariat to coordinate the implementation of the AFI OPMET availability Action Plan and provide support where necessary	States/Organizations  ICAO Secretariat	Quarterly reports by States/ Organisations submitted to the Secretariat  Completed actions of the AFI OPMET availability Action Plan		<b>In progress</b>  Conduct of WMO/ICAO workshop on cost recovery of weather services with the objective of the development of cost recovery procedure for meteorological services to support the timely provision of quality meteorological services to airspace users.	—

<p>APIRG/24 Conclusion 24/34 — A&amp;B</p>	<p><b>Review of the MET Table II-2 to Part V of the AFI eANP Vol II</b></p>	<p>That, in order to improve the availability of OPMET data in the Region, States are urged to update the list of required OPMET information in Table MET II-2 in the eANP Volume II Part V.</p>	<p>States</p>	<p>SL submitted to States  Updated Table MET II-2 in the eANP Volume II Part V.</p>	<p>APIRG25</p>	<p><b>In progress</b>  SL T17/6.11 - 0249 7 June 2022 issued to States requesting the proposal of update of the Table MET II-AFI-2</p>	<p>—</p>
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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	(2)	(3)	(4)	(5)	(6)	(7)	(8)
APIRG/24 Conclusion 24/35 — A&B	Continuation of the CODEVMET AFI Project	That, in order to improve States’ Safety Oversight activities in MET, States /Organizations are urged to participate in the implementation of the Project related to the Cooperative Development of Aeronautical Meteorological Service in the AFI Region (CODEVMET AFI).	States /Organizations	Improved participation of States in the CODEVMET AFI Project activities	APIRG25	In progress T 1/3.12 – 0580 dated 13 December 2021 issued to States requesting the signature of the revised Project MSA.  Nine (9) States and one (1) ANSP (ASECNA) have signed the Project MSA	—
APIRG/24 Decision 24/36 — A&B	Terms of Reference of the APIRG IIM/SG	That, in order to complement the working methods of the IIM sub-group with regard to the periodic coordination by the Chairperson and Vice-Chairperson, the updated Terms of Reference of the IIM/SG contained in Appendix 3N to this Report are endorsed.	APIRG24	Terms of Reference of the IIM/SG endorsed	APIRG24	Completed	—

<p>APIRG/24 Conclusion 24/37</p> <p>—</p> <p>A&amp;B</p>	<p><b>Implementation of AMHS in the AFI Region</b></p>	<p>That, in order to ensure the interoperability of the AMHS systems in the AFI Region:</p> <p>a) States shall continue their efforts in the implementation of AMHS, while proceeding with the secure migration to TCP/IP of the bilateral links between adjacent centers; and</p> <p>b) The IIM Sub-Group shall finalize by 31 March 2022 at the latest the project documents and thereafter accelerate the implementation in accordance with the sub-group activities schedule.</p>	<p>States</p> <p>IIMSG</p>	<p>Improved implementation of AMHS in the AFI Region</p> <p>Updated Project documents</p>	<p>APIRG25</p> <p>31 March 2022</p>	<p><b>In progress</b></p>	<p>—</p>
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Con/Dec No. ICAO SO	Title of Conclusion/Decision	Text of Conclusion/Decision	Responsibility	Deliverable(s)/ Expected Outcome(s)	Target date	Status	Action by ANC
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
APIRG/24 Conclusion 24/38  —  A&B	<b>Strengthening cooperation for the effective implementation of AMHS in the AFI Region</b>	That, in order to ensure the effective implementation of AMHS in AFI Region, States/Organizations to:  a) Strengthen, through bilateral and multilateral arrangements, their cooperation for an effective, coordinated and secure implementation of AMHS as a prerequisite for the deployment of the ground segment of the aeronautical telecommunication network (ATN) and to this end. b) Conclude technical agreements detailing the processes and procedures for interconnection between AMHS systems; and c) Plan and conduct with industry by August 2022, the necessary training for the deployment and secure operation of AMHS in the AFI region and report to the APIRG subsidiary bodies for assessment.	States/Organizations  ICAO Secretariat	Established technical agreements detailing the processes and procedures for interconnection between AMHS systems  Training provided to States and report on the Regional status provided to APIRG	August 2022	<b>In progress</b>	—

<p><b>APIRG 24 Decision 24/ 39</b></p> <p>—</p> <p><b>A&amp;B</b></p>	<p><b>Endorsement of the revised list of ANS Minimum Reporting Areas</b></p>	<p>That, in order to support the implementation of the Uniform Methodology for the identification, assessment and reporting of deficiencies,</p> <p>a) the revised list of Minimum Reporting Areas contained in Appendix 3O is endorsed; and</p> <p>b) States requiring assistance in the use of the AANDD, may approach the ICAO Regional Offices for guidance and support</p>	<p>APIRG24</p>	<p>Revised list of Minimum Reporting Areas endorsed</p>	<p>APIRG24</p>	<p><b>Completed</b></p>	<p>—</p>
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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	(2)	(3)	(4)	(5)	(6)	(7)	(8)
APIRG/24 Conclusion 24/40  —  A&B	<b>Attainment of the AFI RVSM Airspace Target Level of Safety</b>	That, in order to realize the discounts in the calculation of the Target Level of Safety and improve the CRA: a) All 27 FIRs are argued to submit the 2021 RVSM Safety Data F1, F2, F3, F4 Forms by 25 February 2022 as per ICAO provisions; b) All 48 AFI States to nominate focal points for RVSM and update ARMA using F1 form by 31 Dec 2022; c) States are encouraged to start issuing PBCS (RCP/RSP) Approvals for their State registered Intercontinental Operators; and d) Ethiopia, Eritrea, South Africa, Botswana, Malawi, Kenya and Namibia are urged to implement SLOP as soon as possible irrespective of their surveillance status.	States	Submission of the 2021 RVSM Safety Data F1, F2, F3, F4 Forms  Focal points for RVSM AFI States to nominated and updates provided to ARMA using F1 form  Issuance of PBCS (RCP/RSP) Approvals by States for their State registered Intercontinental Operators Ethiopia, Eritrea, South Africa, Botswana, Malawi, Kenya and Namibia are urged to implement SLOP	a) 25 February 2022 b) 31 Dec 2022; c) States are Operators; and Ethiopia, Eritrea, Botswana, Malawi, Kenya and Namibia are urged to implement SLOP as soon as possible irrespective of their surveillance status.	<b>In progress:</b>  this is a continuous reporting item. The current status is in the ARMA report to APIRG.	—
APIRG/24 Decision 24/41  —  A&B	<b>Establishment of an ARMA Publication website</b>	That, in order to improve access to ARMA information, ICAO to establish a webpage link with the ARMA website to enable Stakeholders to have easy access to the RVSM and PBCS information.	Secretariat; ARMA	Webpage link established on the ICAO website	APIRG25	<b>Completed</b> Link to the <a href="http://www.arma.agency">www.arma.agency</a> available on the ICAO website	—

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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/24 Decision 24/42  —  A, B & E	<b>Carbon emissions assessment, measurement and monitoring</b>	That, in order to ensure a coordinated process for the assessment, development and collection of Carbon Emissions data:  The proposals by IATA's on 'ATM and infrastructure operational efficiencies quantification challenges' and by ASECNA on the 'Carbon footprint assessment as part of the implementation of CNS/ATM projects', are to be submitted to ICAO's Committee on Aviation Environmental Protection (CAEP) for consideration.	IATA and ASECNA	IATA (as an existing CAEP Observer) and ASECNA (under CANSO- a CAEP Observer) to submit the environmental issues to ICAO's Committee on Aviation Environmental Protection (CAEP) for consideration	IATA and ASECNA's Carbon emissions assessment, measurement and monitoring tabled under the relevant CAEP Work Group/ Task Force	<b>Completed</b>	—
APIRG/24 Conclusion 24/43  —  A&B	<b>CANSO MOMBASA ATFM Roadmap</b>	That, in order to foster a harmonized approach in ensuring seamless operations in Africa, States, ANSPs and Industry Stakeholders who are not yet part of the program are encouraged to embrace the initiative and endeavor to participate in it.	States, ANSPs and Industry Stakeholders	Completion of the CANSO MOMBASA ATFM Roadmap	On-going	<b>In progress</b>  4 AFI ANSPs have started the implementation of the roadmap - ASECNA, ATNS, TCAA and ZACL	—

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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	(2)	(3)	(4)	(5)	(6)	(7)	(8)
APIRG/24 Conclusion 24/44  —  A&B	<b>Cyber security and resilience of CNS/ATM systems</b>	That, in order to address cybersecurity issues:  a) States/Organizations are encouraged to promote cyber security culture and resilience of CNS/ATM systems in all parts of the civil aviation industry through the development of cyber security policies supported by a national plan; b) Service providers (airlines, airport operators ANSPs etc.) develop plans to implement the above national policy and collaborate with industry to address cyber security issues; and c) IIM's COM5 Project, with the support of the Secretariat and the industry, to identify and conduct trainings as required.	States/Organizations  Service providers (airlines, airport operators ANSPs etc.)  Secretariat and IIM's COM5 Project	Service providers (airlines, airport operators ANSPs etc.) develop plans  Secretariat and IIM's COM5 Project to provide training to States	Plans developed and implemented  Training provided to States	<b>In progress</b>	—

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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/24 Conclusion 24/45 — A&B	<b>Overflight (OVFC) Permission Fees and Charges</b>	That, in order to improve compliance with Article 15 of the Chicago Convention: a) States are encouraged to implement ICAO User Charges principles and policies concerning air navigation services charges, airport charges, taxation, and fuel fees, and address the issue of charging administration fees for Overflight (OVFC) permission applications and institution of 3rd party agents, to avoid duplication of charges for operators; and b) States are encouraged to establish independent, effective, and transparent economic regulatory frameworks with a fully autonomous and independent regulator, to carry out effective economic regulation of the aviation industry. Overflight (OVFC) Permission Processes	States	Implementation of the ICAO User Charges principles and policies by States	On-going	<b>In progress</b>	—

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/24 Conclusion 24/46  —  A&B	<b>Overflight (OVFC) Permission Processes</b>	That, in order to simplify and harmonize the processes of obtaining overflight clearance across the AFI Region: a) States are urged to implement processes for contingency OVFC permission in case of Contingency Plan to avoid disruptions of airline’s network schedules; b) States that are signatory to International Air Service Transit Agreement (IASTA) are urged to implement ‘File n Fly’ concept; c) States that are not signatory to IASTA to implement a ‘Standardized and Simplified’ process; and d) States that decide to implement online portal to facilitate OVFC permission process, to do so in consultation with the users; Airlines, IATA, AFRAA and other airlines representatives in a collaborative decision making (CDM) process.	States	Improved and harmonized the processes of obtaining overflight clearance across the AFI Region	On- going	<b>In progress</b>	—

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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/24 Conclusion 24/47 — A&B	<b>Participation in the next validation workshop of the Cost/Benefit analysis for the implementation of SBAS in Africa</b>	That, in order to validate the AUC/AFCAC Cost/Benefit analysis on the implementation of SBAS in Africa, States and Organizations are urged to participate in the validation workshop of the study outcome for the implementation of SBAS in Africa.	States and Organizations	Workshop conducted	APIRG25	<b>Completed</b>	—
APIRG/24 Conclusion 24/48 — A&B	<b>Review of State National ASBU Plans</b>	That, in order to in order to ensure that State National ASBU plans are aligned with the 6th Edition of the GANP:  a) States to review and conduct a gap analysis between their National ASBU Plans and the sixth Edition GANP and amend their National Plans accordingly by 30 June 2022; and  b) States to ensure that the reporting of ASBU Implementation status is aligned to the sixth Edition GANP by 30 June 2022.	States	Updated States' National ASBU Plans	Updated States' National ASBU Plans  30 June 2022.	<b>Not implemented</b>	—
APIRG/24 Decision 24/49 — A&B	<b>Review of the AAO-SG and IIM-SG Projects' ASBU references in relation to the 6th Edition of the GANP</b>	That, in order to ensure alignment of ASBU Project references:  The AAO and IIM PTCs review current project references and align them to the 6th Edition of the GANP Groups, Threads and Elements by 30 June 2022	AAO and IIM PTCs	Updated AAO-SG and IIM-SG Projects' ASBU references	30 June 2022	<b>In progress</b> Most projects aligned with 6 <sup>th</sup> edition of the GANP. Remaining ones to be completed by December 2022	—



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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/24 Conclusion 24/50  —  A&B	<b>Publication of the Annual AFI Air Navigation Report</b>	That, in order to promote the expeditious publication of the Annual AFI Air Navigation Report by the AFI Air Navigation Reporting Team (AANRT): a) States and Organizations are encouraged to support the work of the AANRT by providing to the secretariat, information on the implementation of the Air Navigation related activities and resources to support the publication of the report; and b) States and Organizations are encouraged to nominate Focal Points to coordinate with the AANRT.	ICAO Secretariat  States and Organizations	AFI Air Navigation Report published	APIRG25	<b>In Progress:</b> Some Articles received from Stakeholders; some key contributors are still pending in providing data. Drafting to be completed.	—
APIRG/24 Decision 24/51  —  A&B	<b>Terms of Reference of the APCC in the APIRG Procedural Handbook</b>	That, in order to extend the membership of the APCC to the industry, represented by IATA in its current composition, the updated Terms of Reference of the APCC in the Procedural Handbook is endorsed	APIRG24	Updated Terms of Reference of the APCC in the Procedural Handbook endorsed	APIRG24	<b>Completed</b>	—

<p>APIRG/24 Decision 24/ 52</p> <p>—</p> <p>A&amp;B</p>	<p><b>Review and endorsement of the APIRG Work Programme for 2021-2022</b></p>	<p>That, the Group endorsed the Work Programme and activities for 2021-2022 of APIRG and its Subsidiary Bodies as provided in Appendix 3P to this Report</p>	<p>APIRG24</p>	<p>The Work Programme and activities for 2021-2022 of APIRG and its Subsidiary Bodies endorsed</p>	<p>APIRG24</p>	<p><b>Completed</b></p>	<p>—</p>
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