WP04- Appendix A

Status of Implementation of APIRG23 Conclusions and Decisions

Meeting Ref. (APIRG/RASG)	Conclusion/ Decision	Reference N°	Title of Conclusion/Decision	Text of Conclusion/Decision	Activity	Activity Ref. (Meeting/Act) Ex: APIRG23_C1-01.1 or APIRG23_D1-02.1	Assigned Org. ICAO Section/State/Stakeholder, as applicable	Deliverable	Target date	Status	Implementation Date	Ref Doc/archive	Notes
APIRG/23 & RASG-AFI/6	Conclusion	2/05	Improving NOTAM Quality Management Team (AAMP PMT)	That, in order to improve the quality of NOTAMs in the AFI region, States and ANSPs: a) develop mechanisms at national level to address the quality of NOTAMs as a matter of urgency; b) participate in providing information to help improve the NOTAMeter; and c) fully participate in the ICAO Global campaign aimed at improving the quality of NOTAMs.	a) develop mechanisms at national level to address the quality of NOTAMs as a matter of urgency; b) participate in providing information to help improve the NOTAMeter; and c) fully participate in the ICAO Global campaign aimed at improving the quality of NOTAMs.	APIRG/23 & RASG-AFI/6 Conc. 2/05	(a) States and Organizations (b) States and Organizations (c) States and Organizations	(a). States plans of action to improve the quality of NOTAM (b). No more relevant, the NOTAMeter is already finalized (c). States participation in the Regional activities on NOTAM improvement	APIRG/24	In Progress		APIRG 23 Report	Regional workshop on NOTAM improvement schedule for 22 to 24 June 2021. Progess monitoring meeting schedule in September and November 2021.
APIRG/23	Decision	23/1	Establishment of an AFI ATM Master Plan Project Management Team (AAMP PMT)	That, in order to foster the development of the AFI ATM Master plan required to provide the roadmap for the implementation of a seamless AFI ATM system: (a) an AFI ATM Master plan Project Management Team (AAMP PMT) to be established; and (b) tasks assigned to the Project Team may include any other identified experts from the region as considered necessary.	Establish an ATM Master Plan Project Management Team (AAMP PMT)	APIRG 23 Conc. 23/01 SL - ES AN 1/6	ICAO/ States and Organizations	(a). List of AAMP PMT Members (b). TORs for Team		Completed		APIRG 23 Report	PMT established, TORs developed and work commenced
APIRG/23	Conclusion	23/2	Prioritization of Free Routing Airspace implementation	That, in order to support the recovery of aviation industry from the devastating impact of COVID-19, reduce aviation environmental footprint, and contribute to the attainment of ICAO Strategic Objectives: (a) States be encouraged to prioritize Free Route Airspace (FRA) implementation; and (b) ICAO Regional Offices and IATA conduct an awareness workshop	(a) States to prioritize FRA implementation (b) Conduct and awareness workshop on FRA implementation	APIRG 23 Conc. 23/02 SL - ES AN 1/6 - 0239	(a). States (b). ICAO ESAF and WACAF ROs	(a). SL to States on FRA implementation (b). An awareness workshop on FRA conducted (c). FRA PMT established	APIRG/24	Completed		APIRG 22 Report, APIRG 23 Report, SL-	
APIRG/23	Conclusion	23/3	RVSM data returns and Large Height Deviations reporting	That, in order to foster the development of the AFI ATM Master plan required to provide the roadmap for the implementation of a seamless AFI ATM system: (a) States update ARMA with contact details of their national RVSM Managers and establish a mechanism to ensure that RVSM monthly data returns and incident investigation reports of large height deviations (LHDs) are provided to ARMA in a timely manner; (b) ARMA provide to States twice a year results of the the Collision Risk Assessment; (c) ICAO and ARMA conduct on a regular basis awareness workshops for State appointed national RVSM Focal Points responsible for RVSM data returns to ARMA; and (d) States carry out an in-depth incident investigation to all reported large height deviations.	(a) States to update RVSM PM Contact and establish mechnism for submission of monthly data to ARMA (b) ARMA to provide Bi-Annually Report (c) Conduct awareness workshop (d) States conduct indepth investigations of LHD reports	APIRG /23 Report	ICAO/ States and Organizations ICAO/ARMA	(a) Awareness workshop conducted (b) LHD reports reduced (c) Submission of State monthly RVSM data improved	APIRG/24	In Progress		SL - ES AN 1/6-0437 SL - ES AN 1/6-0036 SL - T 17/6-0212 CRA 12 and 13 REPORTS	
APIRG/23	Conclusion	23/4	Implementation of TAG and AIAG Recommendation	That in order to have a harmonised implementation of the TAG and AIAG recommendations and improve the target level of safety in the AFI airspace: (a) States concerned be urged to implement the AIAG/17 and AIAG/18 recommendations in the aim to reduce the high level of incidents and provide feedback to ICAO Regional Offices by 31 March 2021; (b) ICAO Regional Offices coordinate the communication from AIAG to the identified States with deficiencies; and (c) ICAO Regional Offices forward the TAG/11 and TAG/12 Reports to States and urge them to implement the applicable recommendations in a timely manner.	States implement AIAG 17 and 18 Recommendations	SL - ES AN 1/6 - 0437 AND 0036	ICAO/ States and Organizations ICAO/ARMA	SL to States RO reports		In Progress			
APIRG/23	Conclusion	23/5	Implementation of PBN	That, in order to improve the level of PBN implementation: (a) ICAO and AFPP conduct a National PBN Implementation Plan (NPIP) development virtual workshop aiming to assist States in developing/updating their NPIP by 31 March 2021; (b) ICAO and AFPP conduct a survey on PBN flight procedure and CCO/CDO implementation in the AFI region by 31 March 2021; (c) States that have not yet developed their National PBN Implementation Plan (NPIP) coordinate with the ICAO Regional Offices and AFPP for assistance; and (d) States that have already developed their NPIP, reveiw as a matter of urgency and align them with the new ICAO NPIP format.				(a) NPIP workshop conducted (b) PBN flight Survey conducted (c) NPIP developed or reviewed and aligned to new format RO and AFPP reports	31 March 2021 APIRG/24	Completed			
APIRG/23	Decision	23/6	Development of the AFI region PBCS plan and establishment of PBCS implementation team	That, in order to have a coordinated approach to PBCS implementation: (a) a PBCS implementation Team is established; (b) the AAO and IIM Sub-Groups coordinate with the established PBCS implementation Team to finalize the draft AFI region PBCS plan, provide awareness, develop an implementation roadmap in collaboration with States and stakeholders, and align wiht the AFI vision document, CONOPS and ATM Master Plan by 31 May 2021; and (c) ICAO Regional Offices in coordination wiht the AFI Regional Monitoring Agency (ARMA) provides necessary expertise for both functional areas (RVSM and PBCS), as well associated support to States and service providers as applicable.	(a) Establishment of a PBCS Implementation Team (b) Complete Draft AFI PBCS plan (c) Provide awareness on PBCS to states and stakholders (d) Develop templates for reporting .		ICAO/ States and Organizations ICAO/ARMA	Draft AFI PBCS Plan	31-May-21	Not Started			
APIRG/23	Conclusion	23/7	Appointment of State SAR Points of Contact and submission of National SAR Plans	That, in order to expedite the implementation of key SAR elements and ensure an effective coordination of SAR in the region: (a) States, which have not yet done so, to nominate SAR Focal Points of Contact (SPOC) and communicate the nominees to the ICAO Regional Offices as a matter of urgency; (b) States establish National SAR Coordinating Committee and ensure implementation of hte SAR improvements (c) States, that have not already done so, complete and submit National SAR Plans to their ICAO Regional office by 31 March 2021; and (d) the ICAO Regional Offices coordinate the development of a harmonized AFI Regional SAR plan.	(d) ICAO to ensure development of an AFI Regional SAR Plan	APIRG/23	ICAO/ States and Organizations	List of AFI SPOCs State reports on SAR Committees National SAR Plans AFI Regional SAR Plan		In Progress			Workshop conducted and Templates developed. Ongoing nomination of SPOC

APIRG/23	Conclusion	23/8	Improved civil/military coordination:	That, in order to improve civil/military coordination: (a) ICA conduct a Civil/Military cooperation workshop by 30 April 2021; and (b) States establish Civil/Military Cooperation Committees, develop Civil/Military Manual and Standard Operating Procedures and a Memoranda of Cooperation (MOC) by 30 June 2021.	(a) Awareness workshop on Civil/Military Conducted (b) States establish C/M Cooperation Committees, develop c/M Manuals and SOP and MOC	APIRG/23	ICAO/ States and Organizations	Awreness workshop conducted State reports	30 June 2021 and APIRG/24	In Progress		SL - T 13/19 - 0111	
APIRG/23	Conclusion	23/9	Process and Procedures for Overflight Clearances	That, in order to foster improvement in the approval process of over-flight clearances and in view of the COVID-19 pandemic restart and recovery: (a) States be encouraged to review their authorization procedures for overflight clearance (OVFC) for civil aircraft with a view to granting speedy approval to schedules and non-scheduled flights; (b) States be encouraged to publish a (globally) simplified and standardized process taking advantate of automation in order to expedite OVFC approval process adn issuance of overflight clearance/permits; and (c) States be encouraged to include provisions for overflight clearance (OVFC) and non-traffic stops in the Bilateral Agreements (BASA) and Multilateral Agreements to include such exceptions as may be suitable for their airline's operations.	States implementAPIRG 23 Recommendations		States IATA ICAO	States automate OVFC approval process	APIRG24	In Progress			IATA is coordinating this process
APIRG/23	Conclusion	23/10	Implementation of Aerodrome Operations Projects and ASBU Modules	That, in order to improve the Projects implementation efficiency and avoid duplication of efforts, and based on linkages between Projects, Projects 2, 3, 4, 5 and 7 be merged with the aerodrome certification Project as per Appendices 2F and 2G to the report.	Reorganization of Project teams	APIRG/23 C-10	ICAO/ States and Organizations	Reorgonized /merged Project teams	Oct-20	Completed	Oct.2020	APIRG 23 Report	Project teams have been reorganozed and are currently meeting.Awaiting Project team documents.
APIRG/23	Decision	23/11	Implementation of Aerodrome Operations Projects and ASBU Modules	That, in order to foster the implementation of the Projects: (a) Project Teams composition be revised; (b) Project Teams be tasked to coordinate the development/or revision of project documents and implementation strategies in collaboration with the Secretariat before end of 2020; (c) the Project Teams report quarterly on the progress made in the implementation of the projects to the AAO-SG; and (d) the Secretariat circulate a follow-up State Letter to concerned States and organizations, requesting the formal nomination of Project Teams members and reminding them to provide adequate	a) Proect teams composotion revision b).Project teams currently coordinating the revision of documents c). Project teams being followed up by Secretariate . Formal reports not received. d). Letter send to States on 17th February 2021	a) APIRG 23 Report b). Weekly Staff meetings by AGA c) Informal reporting of project teams to Secreatariate.. d). ES AN 1/6-0040 Dated 17 February 2021	a) APIRG b) ICAO,Stataes and Project teams c). Project teams d). ICAO	a). APIRG /23 Report b). Revised Project documents c). Proect Teams d). ICAO	May-21	In Progress	a). November 2020 b). On going c). On going d). 17 Febroary 2021	a) APIRG /23 Report b). c). d). ES AN 1/6 00400	Project teams are currently meeting to revise project documnets. and report to RO-AGA.
APIRG/23	Conclusion	23/12	CART Recommendations relevant to AAO/SG Activities	That, in order to support the Restart and Recovery of the air transport industry: (a) States be urged to ensure appropriate implementation of the CART recommendations of relevance to Airspace and Aerodrome Operations; and (b) States monitor, document, and report their progress through the CRRIC; and review NOTAMS to ensure their updates along with the	a). Letter send to States to update on Status. b). States currently constantly updating the CRRIC and review of NOTAMS	ES AN 1/6-0040 Dated 17 February 2021	a).ICAO b). States	a). State lette from ICAO b). Data on the CRRIC platform	Feb. 2021	In Progress	01-02-21	ES- AN- 1/6 00400	State letter send. Updates on CRRIC and NOTAM s is an ongoing process
APIRG/23	Conclusion	23/13	Endorsement of the survey questionnaire for the conduct of Air Navigation Infrastructure Gap Analysis	That, in order to harmonize the conduct of the Aviation Infrastructure Gap Analysis, the survey questionnaire pertaining to Airspace and Aerodrome Operations for the conduct of Aviation Infrastructure Gap Analysis be endorsed.	Aviation Infustructue Gap Analysis endosed by APIG/23	APIRG /23 Report	APIRG	Adopted APIRG 23 Report	Nov-20	Completed	01-11-20	APIRG Report	
APIRG/23	Conclusion	23/14	Data collection for Air Navigation Gap analysis	That, in order to speed the implementation of the outcomes of the 2019 Aviation Infrastructure for Africa Gap Analysis Workshop: (a) ICAO Regional Offices circulate letters to States for data collection for the 25-years gap analysis horizon exercise; and (b) States are urged to respond to the questionnaire upon reception of States letters.	a) State Letters to be developed to convey the questionnaire to States a.1) Review of the existing Questionnaire a.2) Analysis and preparation of the draft —Report to be discussed by the APIRG SGs —Report to be submitted to APIRG24			Report of the status of Aviation Infrastructure in AFI	08 July - Questionnaire 12 July- Finalisation of the Questionnaire 01 July- Development of the SL	In Progress			
APIRG/23	Conclusion	23/15	Establishment of mechanism for air navigation reports	That, in order to provide assistance to States in filling the ANRF: (a) ICAO Regional Offices organize a workshop, to sensitize States on filling of ANRF be organized, by 31 March 2021; and (b) States establish a mechanism for the collection of data to ensure annual reporting to the ICAO Regional Offices of air navigation upgrades, improvements and modernization, in particular information on status of implementation of ASBU modules.	a) Status of implementation and Submission of SL inviting States to the workshop b) Conduct the Workshop to sensitize State —workshop to raise awareness on the 6th Ed. of the GANP —assist States with the development of national ANPs			(a) SL submitted to States (b) AFI Workshop on the 6th Ed. of the GANP	(a) 08/10/2021 depending of results of coordination with HQs (b) 08/11/2021 depending of results of coordination with HQs	In Progress			
APIRG/23	Conclusion	23/16	Nomination to AAO/SG Core Membership	That, in order to maximize active participation of States in the APIRG projects, States willing to contribute to the Sub-Group activities as core members, should send letters of nomination with the CVs of the nominees to the ICAO Regional Offices	States to nominate expert		States	Letter Nominating Experts to be part of Cor Memebership	01-Jun-21	In Progress	08-01-21	ES AN 1/6-00400 Dated 17 Feb. 2021	Awaiting States to send letters of nomination and CVs to be members of Sub Group activities and Core members
APIRG/23	Conclusion	23/17	Participation in the activities of APIRG IIM SG Projects Teams	That, in order to increase the efficiency of the work of the APIRG IIM/SG: (a) States/Organizations members of the APIRG IIM/SG: (i) Update the Secretariat and confirm their nominees with contact details by 29 January 2021; (ii) Verify the expertise, availability, commitment and participation of their nominated experts; and (iii) Take advantage of the available teleworking tools to ensure their effective and continuous participation in the activities of the IIM Sub Group and notify the Secretariat of instances of unavailability of appointed experts; (b) APIRG IIM/SG Chair and Vice-chair convene quarterly PTCs coordination meetings to assess the progress made and identify the challenges, the first meeting being conducted before 14 January	(a) (i) States update the Secretariat and confirm their nominees with contact details by 29 January 2021 (a) (ii) States verify the expertise, availability, committment and participation of their nominated experts (a) (iii) States ensure their effective and continuous participation in the activities of the IIM Sub Group and notify the Secretariat of instances of unavailability of appointed experts (b) APIRG IIM/SG Chair and Vice-chair conduct the first quarterly PTCs coordination meeting before 14 January 2021.		(a) States (b) APIRG IIM/SG Chair and Vice-chair	(a) (i) States update the Secretariat and confirm their nominees with contact details by 29 January 2021 (a) (ii) States verify the expertise, availability, committment and participation of their nominated experts (a) (iii) States ensure their effective and continuous participation in the activities of the IIM Sub Group and notify the Secretariat of instances of unavailability of appointed experts (b) APIRG IIM/SG Chair and Vice-chair conduct the first quarterly PTCs coordination meeting before 14 January 2021.	(a) 29/01/2021 (b) 14/01/2021	In Progress	(b) 12/03/2021	Meeting Minutes	(a) States' letters nominating their experts received from some States (b) Minutes of the 12/03/2021 of the PTCs Coordination meeting available
APIRG/23	Conclusion	23/18	Effective and efficient coordination of the IIM Projects activities	That, in order to efficiently contribute to the APIRG IIM projects activities and to ensure their timely completion: (a) the Secretariat distributes the projects survey questionnaires by 31 January 2021; and (b) States respond to the survey questionnaire before 31 March 2021; and continuously take the necessary measures for the effective and active attendance of their experts in the APIRG IIM Projects activities.	(a) Secretariat distributes the projects survey questionnaires by 31 January 2021; and (b) States respond to the survey questionnaire before 31 March 2021. States continuously take the necessary measures for the effective and active attendance of their experts in the APIRG IIM Projects activities.		(a) ICAO Regional Offices (ESAF/WACAF) (b) States	" (a) Projects survey questionnaires distributed by the Secretariat by 31 January 2021; and (b) States responded to the survey questionnaire before 31 March 2021.	(a) 31/01/2021 (b) 31/03/2021	In Progress	(a) 29/01/2021 (b) 10 Projects out of 14 received responses to their questionnaires	ES- AN- 1/6 0018 dated 29/01/2021	(a) Projects questionnaires sent to States through States letters (b) Some responses are still awaited by some projects. Responses to the questionnaires are not processed yet.
APIRG/23	Conclusion	23/19	Cooperation and harmonization in planning implementing, operation and monitoring	That, in order to build sustainable aeronautical infrastructure and information systems, States/Organizations: (a) take the appropriate measures and actions aimed at integrating their implementation programme/plans into Regional initiatives promoted by the framework of APIRG projects approach; and (b) reinforce cooperation and harmonization in planning and speed up implementation, operation and monitoring of interconnected systems.	To be coordinated (after IIMSG4) a) Provide guidance to the States through: -workshop (webinar); -template					In Progress			

APIRG/23	Conclusion	23/20	AFI IWXXM Implementation Guideline and development of capabilities of handling OPMET data in digital format	That, in the framework of the ICAO Annex 3 provision related to the IWXXM, and to improve the exchange of OPMET data in digital format: (a) the Secretariat with the support of the coordinators and members of MET Project 1 take the appropriate measures and steps to ensure that the AFI IWXXM Implementation Guideline document as contained in Appendix 2H is finalized and made available to States not later than 15 January 2021; (b) States be invited to expedite the development of IWXXM capabilities for exchange of OPMET data in digital format to meet the implementation date in accordance with ICAO Annex 3; (c) States that have developed capabilities for exchange of OPMET data in digital format are encouraged to enter into bilateral/multilateral agreements for testing of their systems; and (d) COM Project 2, consider the provision of the AFI AMHS Manual and integrate an appendix focusing on the AMHS Profile for OPMET IWXXM in line with the EUR AMHS Manual.	(a) Secretariat and MET Project 1 take the appropriate measures and steps to ensure that the AFI IWXXM Implementation Guideline document as contained in Appendix 2H is finalized and made available to States not later than 15 January 2021. (b) States expedite the development of IWXXM capabilities for exchange of OPMET data in digital format to meet the implementation date in accordance with ICAO Annex 3. (c) States that have developed capabilities for exchange of OPMET data in digital format make bilateral/multilateral agreements for testing of their systems. (d) COM Project 2, consider the provision of the AFI AMHS Manual and integrate an appendix focusing on the AMHS Profile for OPMET IWXXM in line with the EUR AMHS Manual.		(a) ICAO Regional Offices (ESAF and WACAF Offices) and PTC IIMSG MET Project 1 (b) States c) States (d) IIMSG COM Project 2	(a) AFI IWXXM Implemntation Guideline available to States by 15 January 2021 (b) States implemented the IWXXM capabilities of OPMET data exchange in digital format (c) States tested their IWXXM systems (d) AFI AMHS Manual have been reviewed with AMHS profile integrated;	(a) 15/01/2021	In Progress	(a) 12/02/2021 (b) and c) Started and in progress (d) Completed by the development of the new AFI IWXXM Guide	(a) SL ES AN 8/6 - 0530 dated 12 January 2021 (b) SG MET Project 1 Report on the Status of implementation of OPMETs in IWXXM format, RODB Dakar (d) AFI IWXXM Guideline available on teh ICAO website	(a) AFI IWXMM Guideline made available to States through ICAO website (b) ICAO IROGs Dakar and Pretoria have capabilities to convert OPMET data from tehheir corresponding BCC into IWXXM format (c) The preparation for testing IWXMM is in progress.
APIRG/23	Conclusion	23/21	Coordination of Regional AAO and IIM Projects	That, in order to comply with ANS operational requirements: (a) each PTC with the support of the Secretariat regularly reviews the project document, identify and act upon IIM project linkage with AAO Projects and circulate a linkage matrix amongst Projects Teams; and (b) the Projects Teams identify coordination actions to be undertaken in order to prevent duplication and ensure	a) Completion of a Linkage Matrix showing the linkages between the Projects b) Examination of the details of the linkages and harmonisation of planning			Completed matrix showing the linkages Linkage description and harmonisation of planning	24-Aug-21	In Progress			
APIRG/23	Conclusion	23/22	IIM Projects Package for Funding	That, in order to facilitate IIM Project funding: (a) the Projects Teams expedite the finalization of the projects initiation documentation (Description, Organization, Term of Reference, Business case, Plans, questionnaires, projects inter linkage….) and project cost estimation for consideration by the APCC and APIRG; (b) the APCC review the consolidated package of IIM projects for submission to APIRG; and (c) the APIRG Chair with the assistance of the Secretariat and AFCAC promote the package of IIM projects to funding organizations.	(a) iIMSG Projects Teams expdite the finalalization of the projects initiation documents. (a) iIMSG Projects Teams expdite the finalalization of project cost estimation b) APCC review the consolidated package of IIM projects for submission to APIRG (c) APIRG Chair with the assistance of the Secretariat and AFCAC promote package of IIM		(a) IIMSG Projects PTCs (a) IIMSG Projects PTCs (b) APCC (c) APIRG Chair, Secretariat and AFCAC	(a) Projects documents	Not specified	In Progress	As available	(a) Available developed Projects initiation documents (b) Not completed (Not completed)	Documents on Projects Costs estimation to be finalized for submission for funding
APIRG/23	Conclusion	23/23	Coordination and guidance on the implementation of AIM Go-Team activities in AFI States	That, for the successful implementation of the activities of the "AIM Go-Team for the AFI Region": (a) the Secretariat provides the project with guidance on the implementation of the Go-Team activities in the AFI States and distributes the updated questionnaire for States to respond not later than 31 March 2021; and (b) States, in consideration of the slow progress made in the Region's effective implementation of QMS in AIM, undertake the necessary action not later than 14 January 2021 to expedite this activity through: (i) Nominating AIM focal point(s) to the PTC and copy to the IIM Secretariat; and (ii) Expressing their willingness to participate in the Regional AIM	(a) the Secretariat provides the project with guidance on the implementation of the Go-Team activities in the AFI States (b) the Secretariat distributes the updated questionnaire (c) States to respond to the questionnaire not later than 31 March 2021 (d) States to nominate AIM focal point(s) to the PTC and copy to the IIM Secretariat (e) States to provide subject matter experts to participate in the AIM Go-teams.		(a) IIMSG Secretariat (b) IIMSG Secretariat (c) States (d) States (e) States	(a) AIM RBIS Project (b) SL circulating the questionnaire (c) States response to the questionnaire (d) Letter from States nominating their focal points (e) Letter from States nominating SME to participate in the AIM Go-teams	(a) not specified (b) 31 January 2021 (c) 31 March 2021 (d) 14 January 2021 (e) 14 January 2021	In Progress			(a), (d), (e) The AIM Result Base Implementation Support Project to carry out the Go-team activities is being reviewed for implementation. (b), (c) Questionnaire sent to State through SL Ref : ES AN 1/6 - 0018 of 29 January 2021
APIRG/23	Decision	23/24	Development of IIM Projects Master Plan	That, in order to facilitate IIM Projects planning implementation and monitoring, a Project Team Coordinator Core Team (South Africa, Cameroon, Cote d'Ivoire and Uganda) is established with the assistance of the Secretariat under the supervision of Chair and Vice Chair to develop the IIM Projects Master Plan by 31 July 2021; track all the IIM Projects activities and provide quarterly reports.	Develop the IIM Projects Mataer Plan by 31 July 2021 Track all the IIM Projects activities and provide quaterly report.		Project Team Coordinator Core Team (South Africa, Cameroon, Cote d'Ivoire and Uganda) The Secretariat under the supervision of Chair and Vice Chair	IIM Projects Master Plan Quarterly Reports	31/07/2021	In Progress	27/05/2021	Projects Master Plans	IIM Master Plan Project to be finalized and Plan developed
APIRG/23	Conclusion	23/25	Cyber Safety and Resilience of the Air Navigation Systems	That, in order to reinforce States/Organizations technical personnel capability in cyber securing ANS systems, ICAO with the collaboration of the industry within the framework of the APIRG, increase its support in activities aimed at raising awareness of ANS Cyber safety and resilience through webinars/workshops/seminars on Cyber safety and resilience of ANS systems for the AFI Region.			Project Team Coordinator (Cote d'Ivoire) The Se						
APIRG/23	Conclusion	23/26	Preparation of ITU WRC-23	That, in order to promote ICAO Position and ensure the proper protection of aeronautical spectrum, States/Organizations: (a) start the work for the preparation of WRC-23 as soon as the ICAO Position for ITU-WRC-23 Agenda Items on aeronautical spectrum requirements is made available to them; and (b) based on the lessons learnt from the last WRCs, reinforce their collaboration with the sub Regional Association of National Regulators of Telecommunication and work closely with ATU.									
APIRG/23	Conclusion	23/27	Adoption of the MET Project 1 and MET Project 2 Terms of Reference and their Projects deliverables for 2021-2022	That, in order to expedite the work assigned to AFI IIM MET Projects: (a) the proposed MET Project 1 and MET Project 2 Terms of References and their associated project deliverables be adopted; (b) considering the ICAO METP/4 Decision 8/1 which calls for the discontinuation of the Manual on the Quality Management System for the Provision of Meteorological Service for International Air Navigation (ICAO Doc 9873), States/Organizations be encouraged to discontinue the use of ICAO Doc 9873 and use WMO No. 1100; and (c) AFI States and Organizations are encouraged to participate in the annual AFI SIGMET tests.	(a) Adopt the Terms of Reference of MET Project 1 and MET Project 2. (b) States /Organizations use the WMO N°1100 (c) States /Organizations to participate to the annual AFI SIGMET tests		(a) APIRG Secretariat (b) States /Organizations (c) States /Organizations	(a) Projects ToRs adopted (b) States have access to WMo N°1100 (c) States /Organizations participated to annual SIGMET tests	By the end of the year	Completed	(a)	(a) Projects ToRs (b) Link to WMO n°1100 - Secretariat organized a QMS workshop based on WMO N°100 and ISO 9001:2015 (c) AFI 2021 SIGMET tests preparation in progress	(a) Projects ToRs are approved (b) WM N°1100 is made available to States through public States (c) Preparation of the 2021 annual SIGMET is ongoing.
APIRG/23	Conclusion	23/28	Development of Volcanic Ash Contingency Plans and conduct of Volcanic Ash exercises in the AFI Region	That, in view of the need for the provision of information to airlines and en-route aircraft before and during a volcanic eruption: (a) the State Volcano Observatories in Table MET I-1 provide their updated contact details to the Secretariat by 29 January 2021 for sharing with the States/Organizations; (b) States that have not developed volcanic ash contingency plans and conducted Volcanic Ash exercises should do so, using the guidance in the AFI Volcanic Ash Contingency Plan as contained in Appendix H of the AFI Regional ATM Contingency Plan by 30 June 2021; and (c) ICAO assist in planning and conducting a coordinated regional Volcanic Ash exercise by 31 December 2021.	(a) State Volcano Observatories in Table MET I-1 provide their updated contact details to the Secretariat by 29 January 2021. Volcano Observatories Contacts details for sharing with the States/Organizations; (b) States that have not developed volcanic ash contingency plans and conducted Volcanic Ash exercises. (c) ICAO assist in planning and conducting a coordinated regional Volcanic Ash exercise by 31 December 2021.		(a) State Volcano Observatories in Table MET I-1 of AFI eANP (b) States that have not developed volcanic ash contingency plans and conducted Volcanic Ash exercises. (c) ICAO Secretariat	(a) State Volcano Observatories Contacts details (b) States developed their contingency plans (c) ICAO Secretariat assisted through a workshop	31-12-21	In Progress	(a) 19/01/2021 (b) Not implemented (c) Ongoing - Secretariat organized volcanic ash exercise workshop;	(a) States volcano Observatories Contacts details (b) Available States AFI VACP developed (c) Guidances for conducting Volcanic ash exercise developed - Volcanic ash exercise workshop conducted and report available - Preparation of volcanic ash exercise ongoing.	(a) 4 States volcano Observatories Contacts details are received (b) Some AFI States developed their VACP (c) Guidances for conducting Volcanic ash exercise developed - Volcanic ash exercise workshop conducted and workshop report available - Preparation of volcanic ash exercise ongoing.
APIRG/23	Conclusion	23/29	Establishment of a Regional Space Weather Project	That, in order to ensure the provision of the space weather service information in the AFI Region: (a) an APIRG IIM MET Project 3-Space Weather Project is established within the IIM SG to guide the implementation of the Annex 3 provision relating to Space Weather requirements within the AFI Region; (b) South Africa, hosting the AFI Regional Space Weather Center through the South African National Space Agency (SANSA), coordinate the APIRG IIM MET Project 3; and (c) ICAO regional Offices, after reception of the Project initial document by 31 January 2021, call for nominations of the project team members from interested AFI States/Organizations.	(a) Establishment of an APIRG IIM MET Project 3-Space Weather Project within the IIM SG to guide; (b) South Africa, hosting the AFI Regional Space Weather Center through the South African National Space Agency (SANSA), coordinate the APIRG IIM MET Project 3; and (c)SL from ICAO by 31 January 2021, calling for nominations for MET Project 3 Team Members.		(a) APIRG23; (b) South Africa, to provide the initial MET Project 3 documentation; and (c) SL from ICAO by 31 January 2021, calling for nominations for MET Project 3 Team Members.	Establishmentof MET Project 3 (b) Initial MET Project 3 documentation . (c) States nominated experts for MET Project 3 Team Members.		Completed		APIRG23 Conclusion 23/29 (b) Initial MET Project 3 documentation developed and provided to the Secretariat. (c) States nominated experts for MET Project 3 Team Members - List of MET Project 3 Members	

APIRG/23	Conclusion	23/30	Development of action plans for the implementation of Space Weather requirements	That; in order to improve the implementation of requirements for the provision of space weather services in air navigation plans: (a) States/Organizations consider the implications of Annex 3 space weather requirements for AFI States' regulatory authorities, ANSPs and operators' operational policies; (b) the designated Regional Space Weather Center (SANSA) liaise with other relevant national institutions in the AFI region to ensure effective coordination; (c) the Secretariat, with the support of the designated Regional Space Weather Centre (SANSA), take appropriate actions to assist States to meet the space weather implementation requirements.	(a) States/Organizations consider the provisions of Annex 3 space weather requirements in their national MET regulation. (b) Regional Space Weather Center (SANSA) conduct a survey on the implementation of the SWX (c) the Secretariat, with the support of the designated Regional Space Weather Centre (SANSA), organiez a workshop on SWX		(a) States/Organizations (b) Regional Space Weather Center (SANSA) (c) the Secretariat, with the support of the designated Regional Space Weather Centre (SANSA)	(a) States took into account the implication of Annex requirements on SWX. (b) Survey conducted (c) Workshop on SWX delivred and report distributed.	APIRG24	Completed		(a) Ongoing (b) ongoing (c) Workshop on SWX scheduled from 28-29 July 2021	(a) States to continue the review of teir regulation in other to incorprate the requirements on SWX (b) MET Project 3 PTC and Team Mebers to collect and process the responses to the questionnaires (c) Secretariat and SANSA to finalize the preparation of Workshop on SWX
APIRG/23	Conclusion	23/31	Africa and Indian Ocean Aeronautical Information Management Action Group (AFI AIM AG)	That, in order to harmonize ongoing initiatives and activities in the area of AIM: (a) States wishing to participate in the AFI AIM AG: (i) Nominate their Representative/s for the AIM AG and the AIM AG Microsoft Teams Collaboration Platform through e-mail to the AIM AG secretariat (kirkmanl@iata.org); (ii) Actively participate in the activities of the AFI AIM AG; and (b) the AIM AG supports the AIM Projects under the IIM/SG through sharing relevant AIM AG outcomes and recommendations.	(a) States nominate their Representative/s for the AIM AG through e-mail to the AIM AG secretariat (kirkmanl@iata.org); (b) the AIM AG supports the AIM Projects under the IIM/SG		(a) States/Organizations (b) AIM Action Group	(a) States/Organizations e-mail nominating their Representative (b) AIM Action Group participation in AIM Projects activities	Not specified	In Progress			
APIRG/23	Conclusion	23/32	Endorsement of AANDD Management process and minimum Reporting Areas and nomination of Focal Points	That, in order to support the implementation of the Uniform Methodology for the identification, assessment and reporting of deficiencies: (a) the AFI Air Navigation Deficiency Database management process as well as the revised minimum reporting areas are endorsed; and (b) States and Organizations that have not yet done so, are urged to nominate as a matter of urgency, not later than 31 January 2021, Focal Points for interaction with the AANDD.	Endorsement of AFI Air Navigation Defficiency Database. b)Nomination of Focal Points for interaction with AANDD by 31 January, 2021	a)Endorsement of Minimum Reporting Areas by APIRG/23 b) Nomination of Focal Points	a) APIRG b) States			Completed			States have nominated Focal Points but not all focal points are able to interact with the system
APIRG/23	Conclusion	23/33	Nomination of RVSM focal points and submission of data to ARMA	That, in order to improve the submission of RVSM data to ARMA, States that have not already done so, nominate focal points for RVSM and update ARMA using an F1 form by 31 December 2020.	ICAO to Circulate SL State nomination of RVSM National Manager	APIRG 23 State Nominations	States and ARMA ICAO ROs			In Progress			States have nominated Focal Points but not all focal points are providing Data
APIRG/23	Conclusion	23/34	Implementation of SLOP as discount for CRA/15	That, in order to add the safety discount to the fifteenth Collision Risk Assessment, AFI States that have not already done so, publish AIP SUPP by 31 December 2020 for the implementation of SLOP on 25 February 2021.		APIRG 23 State Nominations	States and ARMA ICAO ROs	AIP Publications on SLOP Implementation		In Progress	25-02-21	ApPIRG 23 Report	There is improvement in SLOP implementation however Not all states have implemented SLOP
APIRG/23	Conclusion	23/35	Adoption of new ARMA forms F2 and F3	That, in order to improve the process of RVSM and PBCS monitoring by States and ARMA, the new ARMA Form F2 and Form F3 which include both RVSM and PBCS Approvals are adopted for use by States as applicable for RVSM/PBCS approval, amendment and withdrawal	ARMA Form F2 and F3 approved		ARMA/ICAO	ARMA Form F2 and F3 circulated		In Progress		APIRG 23 Report	Awareness workshop conducted and templates developed and adopted by APIRG 23
APIRG/23	Decision	23/36	Reduction of Trans-Regional Large Height Deviations	That, in order to assist the RMAs to ensure further reduction of Trans-Regional Large Height Deviations, ICAO ESAF and MID offices and the AFI and MID Regional Monitoring Agencies continue to: (a) engage the appropriate ATS authorities of Asmara, Djibouti, Mogadishu and Sanaa FIRs; and (b) assist them in taking appropriate actions for a significant reduction of the high numbers of Trans-Regional Large Height Deviations.	(a) AFI and MID RMA to provide reports (b) Faciliate Coordination Meeting with MID region and states (c) Assist states to reduce LHD	APIRG 22 and APIRG 23	ARMA/ICAO ESAF and MID	Coordination Meeting conducted Report of reduction on LHD incidents	ICAO SL SR3/80 -0253 sent to all SAT States on 4 November 2020. A SAT Special meeting on 14 July 2021 will review and adopt the new working structure.	In Progress			Awareness workshop conducted on 23 July 2020 inter-regional CM held on 8 July 2020; Djibouti and Eritrea not represented
APIRG/23	Conclusion	23/37	Harmonization and improvement of air traffic services over the entire Atlantic	That, in order to improve operations and safety of flights, States in the SAT area and/or stakeholders: (a) be urged to implement actions necessary for the harmonization and improvement of air traffic services over the entire Atlantic; (b) review and provide their comments to the Secretariat on the proposed SAT working structure contained in Appendix ZM; (c) submit their occurrence reports, including Large Height Deviation reports, as well as the monthly data returns to the respective regional monitoring agencies; and (d) provide further guidance on collaboration among the various ICAO Regions to facilitate improvement of air traffic services over the entire Atlantic.	a) Circulate SL to urge states to implementent actions b) Follow up on state response c) SAT stste to provide reports on LHD and RVSM data d)	APIRG 23 SAT 24	ICAO Regional Offices/States/Stakeholders	a) Identified programmes including PBCS, ASEPS, Flight Level optimization, ATM Contingency Plans, AIDC and SLOP are ongoing b) ICAO SL SR3/80 -0253 sent to all SAT States on 4 November 2020. A SAT Special meeting on 14 July 2021 will review and adopt the new working structure. c) ICAO SL SR3/80 -0367 sent on Sept 2020SAT States were invited and participated in all NAT 1MG, NAT SOG and NAT SPG meetings to facilitate improvements of ATS over the entire Atlantic. d) All SAT States accredited ICAO Lima, Mexico, Nairobi and Paris Offices as well NAT member States have been invited to participate in the SAT Special meeting on 14 July 2021	30 Nov 2020 for RVSM data submission 14 July 2021 for adoption of structure	In Progress	14-07-21	APIRG 23 Report SAT 24 Report	Reports from states on-going. July 14 meeting to adopt new structure.
APIRG/23	Decision	23/38	RHWAC/MWOs collaboration experimentation and development of the Regional Hazardous Weather Advisory Center (RHWAC)	That, in order to harmonize ongoing initiatives and activities of the METP related to the Regional Hazardous Weather Advisory Center (RHWAC) Work Stream: (a) the experimentation of RHWAC coordination between the ASECNA zone and other AFI States be considered for further deliberations under the MET Project 1 of the IIM/SG; and (b) the activities related to the establishment of RHWAC(s) for the provision of harmonized information on a global scale of dangerous en-route weather conditions for aviation be aligned to the	(a) MET Project 1 of the IIM/SG to consider ASECNA ongoing activities related to the RHWAC for deliberation.		MET Project 1 PTC			In Progress			Ongoing discussions in Met Project 1. MET Project 1 coordinating with ASECNA on the matter.
APIRG/23	Conclusion	23/39	Publication of the APIRG Air Navigation Report –2019/2020	That, in order to ensure timely release of the AFI Annual Air Navigation Report: (a) States, AFCAC, ASECNA, ATNS, AIRBUS, IATA and CANSO nominate their representatives to the Annual Air Navigation Reporting Team (AANRT) by 31 December 2020, to develop and coordinate the publication of the APIRG Annual Air Navigation Report for 2019/2020 by 31 March 2021; and (b) States and Organizations wishing to provide their contributions to the APIRG Air Navigation Report 2019/2020 submit such contributions to the Secretariat by 31 December 2020.						In Progress			