

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	a) develop mechanisms at national level to address the quality of NOTAMs as a matter of urgency; b) participate in	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	APIRG/24	In Progress		APIRG 23 Report	Regional workshop on NOTAM improvement schedule for 22 to 24 June 2021. Progress 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	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 on Free Routing	(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-	SL submitted to States and an awareness workshop on FRA was conducted. FRA PMT established.
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;	(a) States to update RVSM PM Contact and establish mechanism 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	Workshop conducted, LHD reports have been reduced and there is an improvement in the submission of State's monthly RVSM data.
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;	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			SL submitted to States.

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				(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			NPIP workshop and PBN flight survey conducted. NPIP aligned to new format.
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 with the AFI vision document, CONOPS	(a) Establishment of a PBCS Implementation Team (b) Complete Draft AFI PBCS plan (c) Provide awareness on PBCS to states and stakeholders (d) Develop templates for reporting		ICAO/ States and Organizations ICAO/ARMA	Draft AFI PBCS Plan	31-May-21	Not Started			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	(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	Awareness workshop conducted State reports	30 June 2021 and APIRG/24	In Progress		SL - T 13/19 - 0111	Civil/Military awareness workshop conducted.
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	States implement APIRG 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	Reorganized /merged Project teams	Oct-20	Completed	Oct.2020	APIRG 23 Report	Project teams have been reorganized 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	a) Proect teams composition 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 Secretariate.. d). ES AN 1/6-0040 Dated 17 February 2021	a) APIRG b) ICAO,Staates 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 February 2021	a) APIRG /23 Report c). d). ES AN 1/6 00400	b). Project teams are currently meeting to revise project documenets and report to ROs-AGA.

APIRG/23	Conclusion	23/1/2	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 coordination efforts.	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 letter from ICAO b). Data on the CRRIC platform	Feb. 2021	In Progress	01/02/2021	ES- AN- 1/6 00400	State letter sent. Updates on CRRIC and NOTAMS are an ongoing process
APIRG/23	Conclusion	23/1/3	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	Aviation Infrastructure Gap Analysis endorsed by AIG/23	APIRG /23 Report	APIRG	Adopted APIRG 23 Report	Nov-20	Completed	01/11/2020	APIRG Report	Survey questionnaire endorsed
APIRG/23	Conclusion	23/1/4	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) State Letters to be developed to convey the questionnaire to States			Report of the status of Aviation Infrastructure in AFI	08 July - Questionnaire 12 July- Finalisation of	In Progress			Ongoing- proposed activities are yet to be implemented
APIRG/23	Conclusion	23/1/5	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	a) Status of implementation and Submission of SL inviting States to the workshop			(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	In Progress			Ongoing- proposed activities are yet to be implemented
APIRG/23	Conclusion	23/1/6	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	08/01/2021	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	23/1/7	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 teleconferencing facilities	(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		(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	(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	Conclu sion	23/1 8	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	(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 questionnaire s	ES- AN- 1/6 0018 dated 29/01/2021	(a) Projects questionnaires sent to States through State letters (b) Some responses are still awaited by some projects. Responses to the questionnaires are not processed yet.
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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	To be coordinated (after IIMSG4) a) Provide guidance to the States through: -workshop (webinar); -template					In Progress			Ongoing activity
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.	(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.	(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 Implementation Guideline available to States by 15 January 2021 (b) States implemented the IWXXM capabilities of OPMET data exchange in digital format	(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	(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 the ICAO website	(a) AFI IWXXM Guideline available on the ICAO website (b) ICAO IROGs Dakar and Pretoria have capabilities to convert OPMET data from their corresponding BCC into IWXXM format (c) The preparation for testing IWXXM 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	a) Completion of a Linkage Matrix showing the linkages between the Projects		Completed matrix showing the linkages Linkage description and harmonisation of	24-Aug-21	In Progress			Ongoing - the linkage matrix is yet to be finalised	
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 APCC Chair with the	(a) IIMSG Projects Teams expedite the finalization of the projects initiation documents. (a) IIMSG Projects Teams expedite the finalization of project cost estimation (b) APCC review the consolidated package of IIM projects for submission to APIRG	(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	(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	(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	(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	Develop the IIM Projects Master Plan by 31 July 2021 Track all the IIM	Project Team Coordinator Core Team (South Africa, Cameroon, Cote d'Ivoire and Uganda)	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 a Log frame has been 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			In Progress			In progress- the workshop/webinar/seminar is yet to be conducted.
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						In Progress			The ICAO position was submitted to States through SL E 3/5-21/37 dated 18 August 2021
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 (CAO	(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 were adopted (b) WMO N°1100 is made available to States through public States (c) Preparation of the 2021 annual SIGMET tests is ongoing. The dates have been communicated to the States via a State Letter
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	(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		(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	31/12/2021	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) States' Volcano Observatories Contacts details were received for 4 SVOs out of the 8 in the Region. (b) Some AFI States developed their VACP (c) Guidance for conducting Volcanic ash exercises developed - the AFI Volcanic ash exercise workshop was conducted in April 2021. Preparation of the AFI volcanic ash exercise ongoing (tentatively scheduled for end of Nov 2021).

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	(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		(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.	Establishment of MET Project 3 (b) Initial MET Project 3 documentation . (c) States nominated experts for MET Project 3 Team Members.		Completed		MET Project 3 documentation SL from the Secretariat to the States requesting nomination of experts to MET Project 3.	IIMSG MET Project 3 was established and has conducted several meetings. The activities of the Project were presented to the IIMSG4 meeting by the PTC (South Africa).
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	(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		(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 delivered 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 their regulations in order to incorporate the requirements on SWX (b) MET Project 3 PTC and Team Members to collect and analysed the responses to the SWX questionnaire (c) A workshop was on SWX was conducted in July 2021.
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	(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			This activity is being coordinated by IATA
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	Endorsement of AFI Air Navigation Deficiency 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	25/02/2021	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		Completed		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 number of Trans-Regional Large Height Deviations	(a) AFI and MID RMA to provide reports (b) Facilitate 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 2A.	a) Circulate SL to urge states to implement actions b) Follow up on state response c) SAT states 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.	30 Nov 2020 for RVSM data submission 14 July 2021 for adoption of structure	In Progress	14/07/2021	APIRG 23 Report SAT 24 Report	Reports from States on-going. The 14 July 2021 meeting to adopt new structure.

APIRG/ 23	Decisi on	23/3 8	RHWAC/MWOs collaboration 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	(a) MET Project 1 of the IIM/SG to consider ASECNA ongoing activities related to the RHWAC for delibeartion.		MET Project 1 PTC			In Progress			Ongoing discussions in Met Project 1. MET Project 1 coordinating with ASECNA on the matter.
APIRG/ 23	Conclu sion	23/3 9	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						In Progress			Ongoing