

ATTACHMENT

STATUS OF IMPLEMENTATION OF APIRG/22 CONCLUSIONS AND DECISIONS

Comment on Status of implementation	Conclusion/Decision						
<b>APIRG/22 &amp; RASG-AFI/5 CONCLUSIONS AND DECISIONS</b>							
<p><b>Ongoing:</b>                      Project documentation currently under review in order to be submitted to the AFI Plan Steering Committee for further consideration.</p>	<p><i>NSPs should: support the AFI project on the development of an AIM in order to facilitate the implementation of organized management systems (OMS) in the region; and detailed and coordinated AIM implementation Action Plan developed on the AIM recommendations, and the follow-up to be</i></p>						

Conclusions/ Decisions No.	Title of Conclusion/ Decision	Text of Conclusion/Decision	Responsibility	Deliverable	Report/ Comple tion date	Follow Action by up	Commen t on Status of impleme ntation
		<i>conducted by the Go- Team.</i>					
<b><i>RASG-AFI/5 CONCLUSIONS AND DECISIONS</i></b>							
<b><i>APRIG/22 CONCLUSIONS AND DECISIONS</i></b>							
<b>Conclusion 22/01:</b>	<b>Effective implementation of AFI Regional ANS projects</b>	<p><i>That, in order to ensure and effective and efficient implementation of APIRG projects, States and industry:</i></p> <p><i>a) Commit the necessary resources and infrastructure towards implementation of APIRG decisions and conclusions;</i></p> <p><i>b) Effectively participate in AFI projects, including those linked to the APIRG Decisions and Conclusions;</i></p> <p><i>c) Strengthening the</i></p>	States/Organisations	Effective and efficient implementation of APIRG projects	APIRG/ 23	Secretariat	<b>On-Going:</b> States nominate experts into the project teams

Conclusions/ Decisions No.	Title of Conclusion/ Decision	Text of Conclusion/Decision	Responsibility	Deliverable	Report/ Comple tion date	Follow Action by up	Commen t on Status of impleme ntation
		<i>effectiveness and efficiency of ANS related projects such as but not limited to the African Flight Planning Procedures Programme (AFPP) and ANSP Peer review mechanism.</i>					
<b>Conclusion 22/02:</b>	<b>Regular and timely reporting on the status of implementation of APIRG Conclusions and Decisions</b>	<i>That in order to strengthening the AFI air navigation reporting system, Administrations/Organizations: a) Establish effective internal mechanisms within civil aviation organizations to facilitate collection of information on the status of implementation of APIRG Conclusions and Decisions in all applicable areas through the Air navigation reporting Forms (ANRFs);</i>	<b>States/ Organisations</b>	Improved AFI air navigation reporting system	APIRG/23	Secretariat	<b>On-Going:</b> The Secretariat submitted State Letters to States requesting their inputs  States expected to provide routine reports to

Conclusions/ Decisions No.	Title of Conclusion/ Decision	Text of Conclusion/Decision	Responsibility	Deliverable	Report/ Comple tion date	Follow Action by up	Commen t on Status of impleme ntation
		<p><i>b) Provide the ICAO Secretariat and all relevant parties with the required information on the status of implementation of Conclusions and Decisions on a regular basis, in order to assess progress in the strengthening of the air navigation system and to enable reporting by ICAO to APIRG;</i></p> <p><i>c) Timely report on Incidents and continuously fill up the AFI Air Navigation Deficiency Database (AANDD).</i></p>					ICAO on status of implementation through the ANRF
<b>Conclusion 22/11:</b>	<b>Efforts to Address Aeronautical Mobile Service Deficiencies</b>	<p><i>That: The concerned AFI ANSPs establish Service Level Agreements (SLAs) with users and collaborate to identify measures to address aeronautical mobile service (AMS) deficiencies.</i></p>	AFI ANSPs	Addressed aeronautical mobile service (AMS) deficiencies.	APIRG/23	Secretariat	Ongoing
<b>Conclusion 22/20:</b>	<b>Amendment to the AFI Air</b>	<p><i>That: a) APIRG endorse the</i></p>	APIRG	Amended ANP	APIRG/23	Secretariat	<b>Ongoing:</b>

Conclusions/ Decisions No.	Title of Conclusion/ Decision	Text of Conclusion/Decision	Responsibility	Deliverable	Report/ Comple tion date	Follow Action by up	Commen t on Status of impleme ntation
	<b>Navigation Plan (eANP, Doc 7474)</b>	<p><i>final Draft of AFI ANP Volume II as presented in Appendix 4E to the report;</i></p> <p><i>b) AFI States provide timely inputs to Volume III of the AFI ANP as at Appendix 4F to this report, once circulated for comments;</i></p> <p><i>c) States comply with the procedures for amendment (PfAs) of the AFI eANP upon initiation by the ICAO ESAF and WACAF Regional Offices; and</i></p> <p><i>d) The ESAF and WACAF Regional Offices expedite the processing of all outstanding requests for changes to the ANP submitted by States for inclusion in Volumes I and II of the AFI eANP, as soon as practicable.</i></p>	<p>States</p> <p>States</p> <p>Secretariat</p>				<p>States submit requests where necessary</p> <p>PfA process completed or ongoing</p>

Conclusions/ Decisions No.	Title of Conclusion/ Decision	Text of Conclusion/Decision	Responsibility	Deliverable	Report/ Comple tion date	Follow Action by up	Commen t on Status of impleme ntation
<b>Conclusion 22/22:</b>	<b>Effective and efficient participation of Administrations in the IIM Projects activities</b>	<i>That: Administrations/Organizations members of the APIRG IIM subgroup, assess prior to their commitment, their capability, capacity and availability to ensure an effective participation of their representatives to the activities of the Sub Group, including Projects coordination Teleconferences and accordingly provide them with the adequate facilitation for their full involvement.</i>	States/ Organisations	Effective participation of experts in the activities of the IIM Sub Group	APIRG/ 23	Chair and Secretariat of the IIMSG	<b>Ongoing:</b> Low pace of participat ion in some Projects
<b>Conclusion 22/23:</b>	<b>Effective coordination of IIM COM Project 2, AIM Project 3, Spectrum Project and MET Project 2</b>	<i>That; As a matter of urgency: a) Nigeria (coordinator of AIM Project 3 and COM Project 2), Senegal (coordinator of MET Project 2) and Uganda (coordinator of Spectrum Project 1) confirm to the APCC with copy to the Secretariat, their commitment to</i>	States (Nigeria, Uganda and Senegal)	Effective coordination of AIM Project 3; COM Project 2 and MET Project 2	APIRG/ 23	State letter T 17/6.11 (C)- 0726 dated 05 December 2019 sent to concerned States	<b>Comple ted by:</b> Senegal (MET Project 2) and Uganda (SPEC Project 1) <b>Pending:</b> Nigeria (COM Project 2)

Conclusions/ Decisions No.	Title of Conclusion/ Decision	Text of Conclusion/Decision	Responsibility	Deliverable	Report/ Comple tion date	Follow Action by up	Commen t on Status of impleme ntation
		<p><i>effectively lead the respective projects teams they were volunteer to coordinate;</i></p> <p>b) <i>States willing to coordinate the above projects express their interest to the Secretariat in case the current nominated States may not be willing to continue the coordination.</i></p>	States				Nigeria committed to appoint the PTC

Conclusions/ Decisions No.	Title of Conclusion/ Decision	Text of Conclusion/Decision	Responsibility	Deliverable	Report/ Comple tion date	Follow Action by up	Commen t on Status of impleme ntation
<b>Conclusion 22/24:</b>	<b>Report on APIRG outcome and Update of the deficiencies in the areas of AIM, CNS and MET</b>	<p><i>That:</i></p> <p>a) <i>Administrations regularly report on the status of implementation of the APIRG meetings outcome through ANRFs;</i></p> <p>b) <i>IATA and concerned Administrations/Organizations take the appropriate actions to update, assess and address deficiencies identified in the areas of AIM, CNS and MET with regard to the AFI air Navigation Plan procedures.</i></p>	<p>States</p> <p>States/ Organisations</p>	<p>Reports submitted on implementation of APIRG ANS outcomes</p> <p>Updated AIM, CNS and MET air navigation deficiencies</p>	<p>APIRG/ 23</p>	<p>Secretariat</p> <p>Secretariat</p>	<p><b>Ongoing:</b></p> <p>AANDD developm ent</p>

<p><b>Conclusion 22/25:</b></p>	<p><b>ICAO support to IIM activities</b></p>	<p><i>That;</i> <i>ICAO reinforces its support to the activities of the APIRG IIM Sub-Group, in particular those related to the conduct and coordination of regional projects by:</i></p> <p>a) <i>The effective activation of the Regional Air Navigation Assistance Teams (RANSTs) to conduct support missions to States in accordance with Decision 21/03: Establishment of Regional Air Navigation Support Teams (RANSTs) APIRG/21;</i></p> <p>b) <i>Organizing workshops, seminars on the emerging technologies/systems involved in the GANP technology Roadmap in support to regional IIM projects.</i></p>	<p>Secretariat</p> <p>Secretariat</p>	<p>Effective support for the implementation of the AFI Air Navigation Plan</p> <p>Improved technical competency within the States</p>	<p>APIRG/23</p> <p>APIRG/23</p>	<p>Secretariat</p> <p>IIM Surveillance Project Team</p>	<p><b>Ongoing:</b></p> <p><b>Ongoing:</b> MET- i) IWXXM Workshop 15-16 Sep 2020 ii) SADIS/WAFS upgrade</p> <p><b>Ongoing:</b> Strategy to be updated</p>
<p><b>Conclusion 22/26:</b></p>	<p><b>Amendments to the AFI Aeronautical Surveillance</b></p>	<p><i>That;</i> <i>Considering the deployment of new technologies and the need for a rationalized aeronautical</i></p>	<p>IIM/SG Surveillance Project Team</p>	<p>Updated AFI Aeronautical Surveillance implementation</p>	<p>APIRG/23</p>	<p>IIM Surveillance Project Team</p>	<p><b>Ongoing:</b> Strategy to be updated</p>

Conclusions/ Decisions No.	Title of Conclusion/ Decision	Text of Conclusion/Decision	Responsibility	Deliverable	Report/ Comple tion date	Follow Action by up	Commen t on Status of impleme ntation
	<b>implementation strategy</b>	<i>infrastructure, the surveillance Project Team develops proposals for amendments to the AFI Aeronautical Surveillance implementation strategy and report to the APCC.</i>		strategy taking into consideration emerging technologies such as ADS-B Space			
<b>Conclusion 22/27:</b>	<b>Implementation of AMHS in the AFI Region</b>	<i>That; In order to ensure a robust and sustainable operation of the future ATM systems in compliance with the timeframe of the technology roadmap for the implementation of ICAO ASBU threads, Administrations/Organizations are urged to speed up the planning, implementation, operation and monitoring of AMHS.</i>	<b>States</b>	Effective AMHS interconnection with regard to the regional strategy	APIRG/23	IIM COM Project.2 Team	<b>Ongoing:</b> AMHS 24 States (50%) implemen tation

Conclusions/ Decisions No.	Title of Conclusion/ Decision	Text of Conclusion/Decision	Responsibility	Deliverable	Report/ Comple tion date	Follow Action by up	Commen t on Status of impleme ntation
Conclusion 22/28:	Seamless Aeronautical Surveillance Service	<p><i>That:</i></p> <p>a) <i>Administrations/Organizations plan and implement ground base surveillance sensors (SSR Mode S, ADS-B) data shearing in order to provide a seamless aeronautical surveillance Service through within and across FIRs in concerned Area of Routing;</i></p> <p>b) <i>ICAO and AFCAC, provide the continued desirable support for project development, training, mobilization of funding</i></p>	<p>States/ Organisations</p> <p>Secretariat and AFCAC</p>	<p>Provision of a continuous robust surveillance service along areas of routing</p> <p>Project development, training and mobilization of funding</p>	APIRG/ 23	IIM SUR Project Team	<p><b>Ongoing:</b> Initiatives taken by four main ANSPs in the Gulf of Guinea (ASECNA, GCAA, NAMA, Roberts)</p> <p>Project delayed due to COVID-19</p>

Conclusions/ Decisions No.	Title of Conclusion/ Decision	Text of Conclusion/Decision	Responsibility	Deliverable	Report/ Comple tion date	Follow Action by up	Commen t on Status of impleme ntation
<b>Conclusion 22/29:</b>	<b>Support to ICAO Position for ITU WRC-19</b>	<p><i>That:</i>  <i>Administrations are urged to intensify the supporting initiative and actions towards their national Authority of Regulation of Telecommunication to ensure that the ICAO position for WRC-19 is shared understood and reflected in the national position of the State to the Conference.</i></p> <p><i>In doing so, they will ensure as well as possible their participation in the national coordination meetings and in the Conference itself, coordinating between the CAA with the aviation industry to identify the national concerns on spectrum and promoting ICAO policy in the matter prior to the Conference.</i></p>	States	States support to the ICAO Position	APIRG/ 23	IIM/SG Spectrum Project Team	<b>Ongoing:</b>  10 <sup>th</sup> ICAO Frequenc y Spectrum Managem ent Panel Working Group (FSMP WG/10) meeting 17- 26 August 2020
<b>Conclusion 22/30:</b>	<b>Harmonization of the implementation of</b>	<i>That, in order to ensure a harmonized implementation of ASBU elements:</i>		Harmonised implementation of ASBU elements	APIRG/ 23	Secretariat	

Conclusions/ Decisions No.	Title of Conclusion/ Decision	Text of Conclusion/Decision	Responsibility	Deliverable	Report/ Comple tion date	Follow Action by up	Commen t on Status of impleme ntation
	<b>ASBU elements in the AFI Region</b>	<p><i>a) States:</i></p> <p><i>i) Strengthen the necessary bilateral and multilateral arrangements for the coordinated and effective implementation of the ASBUs modules with the view of ensuring systems and services interconnectivity and interoperability.</i></p> <p><i>ii) Appoint National Focal Points to coordinate at State level the implementation of ASBU;</i></p> <p><i>iii) Develop National Implementation Plans for the coordinated implementation of ASBU.</i></p> <p><i>b) ICAO provides more Training workshops to improve the understanding on ASBU and the new modules for Block 1.</i></p>	<p>States</p> <p>Secretariat</p>	<p>Technical competency within the States</p>		<p>Secretariat</p>	<p><b>Ongoing:</b> A number of workshops/webinars conducted and/or planned to build capacity within the States.</p>
<b>Conclusion 22/31:</b>	<b>Efforts to Address Aeronautical Mobile Service Deficiencies</b>	<p><i>That:</i></p> <p><i>a) IATA and AFI concerned ANSPs:</i></p>	<p>States/ Organisations</p>	<p>Addressed AMS deficiencies and availability of reliable</p>	<p>APIRG/ 23</p>	<p>IIM COM 3 Project Team IATA</p>	<p>Ongoing</p>

Conclusions/ Decisions No.	Title of Conclusion/ Decision	Text of Conclusion/Decision	Responsibility	Deliverable	Report/ Comple tion date	Follow Action by up	Commen t on Status of impleme ntation
		<p>1) <i>Establish Service Level Agreements (SLAs) with users and collaborate to identify measures to address deficiencies in the area of Aeronautical Mobile Service;</i></p> <p>2) <i>Reinforce cooperation and communication between stakeholders, prior to the conduct of aeronautical mobile communication surveys for more reliable results;</i></p> <p>b) <i>States ensure that CPDLC is included in their regulation as part of aircraft equipage minimum list and published in their AIP as such; and</i></p> <p>c) <i>IATA and States encourage airlines to continue their effort to equip their aircraft with CPDLC and use it particularly when they fly in airspace where CPDLC is the primary mean of communication.</i></p>		air/ground communication			
<b>Conclusion 22/32:</b>	<b>Operationalisation of the AFI Air</b>	<i>That:</i>	Secretariat				

Conclusions/ Decisions No.	Title of Conclusion/ Decision	Text of Conclusion/Decision	Responsibility	Deliverable	Report/ Comple tion date	Follow Action by up	Commen t on Status of impleme ntation
	<b>Navigation Deficiency Database</b>	<p>a) <i>ICAO to expedite the development of a harmonised methodology to be used by all regions on the reporting of deficiencies;</i></p> <p>b) <i>That the Database be improved to enable States upload evidence for the closure of deficiencies;</i></p> <p>c) <i>States to appoint Focal points to be trained by ICAO; and</i></p> <p>d) <i>ICAO ESAF and WACAF Regional Offices hold</i></p>		<p>Harmonised methodology developed</p> <p>Active and updated AANDD and overall reduction in active deficiencies</p> <p>Focal points appointed by States</p> <p>Technical competency at State level</p>	APIRG/23	Secretariat	<p>Minimum reporting areas revised</p> <p><b>Ongoing:</b> i) Updating of the AANDD by ICTs of the Regional Offices</p> <p>ii) State Letters issued for appointment of AANDD focal points</p> <p><b>Pending:</b> Workshop for</p>

Conclusions/ Decisions No.	Title of Conclusion/ Decision	Text of Conclusion/Decision	Responsibility	Deliverable	Report/ Comple tion date	Follow Action by up	Commen t on Status of impleme ntation
		<i>workshops to train Focal Points on how to interact with the database.</i>					focal points
<b>Conclusion 22/34:</b>	<b>Organization of a Round Table for APIRG Projects Funding</b>	<p><i>That;</i>  <i>In order to ensure sustainable funding for effective implementation of APIRG Projects in accordance with regional programmes:</i></p> <p><i>a) ICAO, with the assistance of AFCAC and Regional Economic Commissions, explore mechanisms for the establishment of a framework for the funding of APIRG Projects preferably before the end of year 2020.</i></p> <p><i>b) A Round Table meeting be convened to consider in particular the Air Navigation Deficiencies identified by APIRG and</i></p>	ICAO Secretariat and AFCAC	Adequate funding for APIRG Projects		APIRG/ Secretariat	Pending

Conclusions/ Decisions No.	Title of Conclusion/ Decision	Text of Conclusion/Decision	Responsibility	Deliverable	Report/ Comple tion date	Follow Action by up	Commen t on Status of impleme ntation
		<p><i>the outcome of assessments and gap analysis of the AFI Air Navigation Infrastructure and systems and identify feasible solutions to be funded;</i></p> <p><i>c) The outcome of the Round Table be shared with the African Union and United Nations specialized institutions promoting a sustainable development.</i></p>					

Conclusions/ Decisions No.	Title of Conclusion/ Decision	Text of Conclusion/Decision	Responsibility	Deliverable	Report/ Comple tion date	Follow Action by up	Commen t on Status of impleme ntation
<b>Conclusion 22/39:</b>	<b>SBAS for Africa - Indian Ocean Initiative</b>	<p><i>That, while taking note of the “SBAS for Africa - Indian Ocean” initiative by 17 member States of ASECNA,</i></p> <p>a) <i>AFCAC should fast-track the conduct of a continental cost-benefit analysis (CBA) on SBAS implementation in the region by June 2020, to support the decision making process by States and stakeholders, and to enable update of the AFI GNSS strategy accordingly; and</i></p> <p>b) <i>ICAO and AFCAC organize a regional workshop with all stakeholders involved in SBAS implementation thereafter.</i></p>	<p>AFCAC</p> <p>ICAO Secretariat and AFCAC</p>	<p>Updated AFI GNSS strategy</p> <p>Technical competency at State level</p>	<p>APIRG/23</p>	<p>IIM/SG NAV Project and the Secretariat</p> <p>Secretariat</p>	<p>Ongoing</p>
<b>Conclusion 22/40:</b>	<b>Mandate for ADS-B Transponder Extended Squitter</b>	<p><i>That:</i></p> <p>a) <i>States and aircraft</i></p>	<p>States and Aircraft Operators</p>	<p>Full implementation in AFI Region of ADS-B</p>	<p>June 2023</p>	<p>Secretariat</p>	<p><b>Ongoing:</b> Financial difficulties from the</p>

Conclusions/ Decisions No.	Title of Conclusion/ Decision	Text of Conclusion/Decision	Responsibility	Deliverable	Report/ Comple tion date	Follow Action by up	Commen t on Status of impleme ntation
	<b>1090 equipage in the AFI Region</b>	<p><i>operators ensure that all aircraft operating within the AFI RVSM airspace are equipped with ADS-B</i></p> <p><i>Transponder Extended Squitter 1090 by June 2023 (AIRAC date);</i></p> <p>b) <i>An Assessment for a Go or No Go Decision be conducted on 2022 targeting 90% aircraft equipped with Transponder Extended Squitter 1090 for AFI RVSM airspace as the threshold; and</i></p> <p>c) <i>States and aircraft operators ensure that all aircraft operating within the AFI Region airspace are equipped with ADS-B</i></p> <p><i>Transponder Extended Squitter 1090 by January 2025 (AIRAC date).</i></p>	<p>IIM/SG Project</p> <p>SUR</p> <p>States and aircraft operators</p>	<p>Transponder Extended Squitter 1090 by June 2023</p> <p>ADS B aircraft equipage assessment report</p> <p>Full implementation in AFI Region of ADS-B Transponder Extended Squitter 1090 by January 2025</p>	<p>APIRG/23</p> <p>Jan 2025</p>	<p>Secretariat</p> <p>Secretariat</p>	<p>COVID - 19, challenges for aircraft operators to carry out this activity</p>

