



**Twenty First Meeting of the Africa-Indian Ocean Planning and Implementation Regional Group
(APIRG/21)
(Nairobi, Kenya, 9 – 11 October 2017)**

Agenda Item 2: Follow-up on the outcome of APIRG/20

2.2 Status of Implementation of APIRG/20 conclusions and decisions

**REVIEW OF STATUS OF IMPLEMENTATION OF APIRG/20
CONCLUSIONS AND DECISIONS**

(Presented by the Secretariat)

SUMMARY	
This paper presents the following-up action on the APIRG/20 Conclusions and Decisions.	
Action by the meeting is at Paragraph 3.	
REFERENCE(S): Refer to Para. 3 for action by APIRG Reference: APIRG/20 meeting report	
<i>Strategic Objectives</i>	This working paper relates to the Strategic Objectives A, C and D.

1. INTRODUCTION

1.1 The review of status of implementation of APIRG/20 Conclusions and Decisions is presented in the form of a table. The table provides the title of each APIRG/20 Conclusion/Decision, Deliverable(s)/Expected Outcome(s), and status of implementation by end.

2. DISCUSSION

2.1 APIRG/20 adopted 38 Conclusions and 11 Decisions which are presented in the **Annex** below. The Appendix provides the progress made in the implementation of the various Conclusions and Decisions and, where information is available, constraints to implement them are indicated. The Conclusions are addressed to States, ICAO and/or International Organizations.

2.2 In order for the Secretariat to report efficiently, there is need for States to improve on the level of providing information on a timely manner with regard to the status of implementation of these Conclusions.

3. ACTION BY THE MEETING

3.1 The meeting is invited to:

- a) note the progress made on APIRG/20 Conclusions and Decisions as per the **Annex**;
- b) review and propose further action; and
- c) urge States to provide the Secretariat with the required information on the status of implementation of these Conclusions on a regular basis, in order to assess progress in the strengthening of the air navigation system.

APPENDIX

CONCLUSIONS/DECISIONS OF APIRG/20 - FOLLOW-UP ACTION PLAN

Conclusions/ Decisions No.	Title of Conclusion/ Decision	Text of Conclusion/Decision	Responsibility	Deliverable	Report/ Completi on date	Status
1	2	3	4	5	7	8
Conclusion 20/01:	Certification of International Aerodromes	That: a) States are urged to comply with ICAO SARPs on certification of aerodromes which came in force since November 2003 and Abuja safety targets. States should determine under which status their international airports will operate post December 2015; b) In line with the provisions of coordination between the RASG-AFI and APIRG, relevant technical components of aerodrome certification should be included in the projects subsidiary bodies of APIRG; and c) The target of attainment of 45% of certification of International Aerodromes in the AFI Region by end of 2016 is recommended in harmony with the approved AFI Plan targets for the same period.	States	Certification of international aerodromes 45% of AFI international aerodromes certified	APIRG/21 31 December 2016	Ongoing through the AFI Plan project for aerodrome certification Current status (31,25%) expected to be 45,83% by the end of 2017
Conclusion 20/02:	Implementation of PANS-Aerodromes provisions	That: a) States are urged to ensure implementation of applicable procedures of the PANS-Aerodromes - Doc 9981. In case of differences between their procedures and the PANS-Aerodromes provisions, they should publish these differences in their aeronautical information publication (AIP) in accordance with Annex 15 to the Chicago Convention; and b) States should respond to ICAO State letters and in particular to proposals for the amendments to PANS-Aerodromes and Annex 14, Volumes I and II.	States States	Implementation of PANS-Aerodromes Timely responses to State letters	APIRG/21 As per State letters' deadlines	Ongoing through the aerodrome certification Project Few responses received from States

Conclusions/ Decisions No.	Title of Conclusion/ Decision	Text of Conclusion/Decision	Responsibility	Deliverable	Report/ Completi on date	Status
1	2	3	4	5	7	8
Conclusion 20/03:	Aerodrome Emergency Planning (AEP) including Public Health Emergency (PHE)	That: <ul style="list-style-type: none"> a) States are urged to ensure that public health component of the Aerodrome Emergency Plan and organization of the Emergency Operations Centre are based on all relevant ICAO Annexes and Documents, and the WHO IHR 2005; b) States are urged to ensure close collaboration between the public health authority and aviation stakeholders in planning and management of Public Health Emergency (PHE) to avoid duplication of effort and consistently improve efficiency; and c) WHO, ICAO and CAPSCA Member States discourage restrictions on flights and passengers originating from countries with confirmed, suspect and contact cases of Ebola Virus Disease (EVD). Similarly, suspension of flights by air operators is also discouraged. 	States States States	Aerodrome emergency plans based on ICAO and WHO provisions	APIRG/21	Ongoing (46%) Ongoing (46%) Done

Conclusions/ Decisions No.	Title of Conclusion/ Decision	Text of Conclusion/Decision	Responsibility	Deliverable	Report/ Completi on date	Status
1	2	3	4	5	7	8
Decision 20/04:	AFI ANS key performance indicators, targets and monitoring	That: a) The institutional and regional ANS key performance indicators (KPIs) and targets at Appendix 2.2B to this report are adopted by APIRG; b) The Secretariat should present the adopted ANS key performance indicators and targets to the 3 rd RASG-AFI Meeting for information and the AFI Plan Steering Committee for endorsement and subsequent implementation by States; and c) The Secretariat should continue the development of appropriate targets for ASBU Block 0 modules and regional performance objectives KPIs for adoption by APIRG, and report implementation progress to APIRG through the Project Coordination Committee (APCC).	States APIRG Secretariat APIRG Secretariat	Implementation of agreed ANS KPIs and targets Working paper presented to RASG-AFI/3 Set KPIs for ASBU Block 0 modules and Regional performance objectives	December 2015 December 2015 APIRG/21	Done Done
Conclusion 20/05:	Status of implementation of ASBU Block 0 Modules	That: a) States be urged to provide information on the status of implementation of ASBU modules using the Air Navigation Reporting Forms (ANRFs) or other reporting tools as may be provided, at least twice a year; and b) The Secretariat should coordinate the development of annual air navigation reports reflecting the status of implementation of ASBU modules, to be presented to the APIRG through its Project Coordination Committee (APCC).	States APIRG Secretariat	Progress reports by States Progress Report on ASBU implementation	APIRG/21 and as required by ICAO ROs APCC/ APIRG/21 meetings	Done Ongoing

Conclusions/ Decisions No.	Title of Conclusion/ Decision	Text of Conclusion/Decision	Responsibility	Deliverable	Report/ Completi on date	Status
1	2	3	4	5	7	8
Decision 20/06:	Measures to address the high number of unsatisfactory condition reports (UCRs) in the AFI region	That, APIRG in coordination with RASG-AFI, take necessary action to identify specific measures to be undertaken by States, Air Navigation Service Providers and other stakeholders to effectively reduce the high numbers of UCRs in the AFI Region, with particular attention to AIRPROXs in line with the established ANS performance indicators and targets.	APIRG Secretariat	Reduction of UCRs	APCC/ APIRG/21 meetings	Ongoing
Conclusion 20/07:	Addressing missing flight plans	That: <ul style="list-style-type: none"> a) States should implement remedial measures identified within the framework of APIRG and learn from other ICAO Regions to address the irregularity of missing flight plans; b) States should establish a focal point team to follow up on the implementation of the remedial measures; c) ICAO, ANSPs, AFRAA, IATA and IFALPA should continue to encourage stakeholders for the use of collective addresses as implemented by ASECNA to mitigate the loss of flight plans; and d) The Secretariat should institute a mechanism at AFI level to analyze deeply and find a definitive solution to the problem of missing flight plans under a project. 	States States Concerned stakeholders APIRG Secretariat	Elimination of missing flight plan irregularity Designated focal points Implementation of AFTN collective addresses Identification of root causes and remedial actions to missing flight plan irregularities	APIRG/21 29 February 2016 30 June 2016 31 March 2016	Ongoing
Decision 20/08:	Measures to Support CPDLC/ ADS-C implementation in the AFI Region	That the Secretariat should develop a Project under APIRG framework of AFI Region CPDLC/ADS-C Implementation Planning Continuous Improvement (CPDLC/ADS-C IPCI).	APIRG Secretariat	ADS-C/CPDLC implementation project	31 March 2016	

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1	2	3	4	5	7	8
Conclusion 20/09:	Implementation of ICAO PBCS Manual (DOC 9869) and GOLD Manual (DOC 10037)	That: a) States, Air Navigation Service Providers (ANSPs) and users take necessary action to apply the technical and operational guidance provided in the Second Edition of Doc 9869 (Performance Based Communication and Surveillance (PBCS) Manual) and the Global Operational Datalink (GOLD) Manual (Doc 10037) once published; b) States and ANSPs that have already implemented CPLDC/ADS-C review their systems performance using PBCS Manual and take immediate action where remedial measures are necessary; and c) ICAO should provide assistance to States facing implementation challenges under the No Country Left Behind (NCLB) initiative to ensure that communication and surveillance requirements are met by all AFI States.	States ANSPs States ANSPs ICAO	Implementation of Datalink performance requirements Implementation of ADS-C/CPDLC performance requirements Implementation of communication and surveillance requirements	APIRG/21 APIRG/21 APIRG/21	
Conclusion 20/10:	Search and Rescue (SAR)	That: a) States be urged to conclude SAR agreements under Regional frameworks to facilitate operational cooperation and efficiency; and b) The Secretariat should follow up on APIRG/19 Conclusion 19/21, on SAR Data Collection and Development and Management of an AFI SAR Web Page and 19/22 on Establishment of SAR Team of Experts and SAR Support Project and report progress to APCC and subsequently present a status report to the next Meeting of APIRG (APIRG/21).	States APIRG Secretariat AFCAC	SAR agreements signed by all States AFI SAR web page AFI SAR Team of Experts SAR Support Project	APIRG/21 APCC/ APIRG/21 meetings	Ongoing Ongoing

Conclusions/ Decisions No.	Title of Conclusion/ Decision	Text of Conclusion/Decision	Responsibility	Deliverable	Report/ Completi on date	Status
1	2	3	4	5	7	8
Conclusion 20/13:	Resolution of safety issues in the airspace over South Sudan	That: a) South Sudan be urged to take necessary measures as matter of urgency, to effectively address safety issues in the airspace as identified by users and ICAO; b) ICAO and AFCAC are requested to continue engagement with South Sudan in order to make the assistance being provided more effective; and c) Urge partner States and Organizations supporting South Sudan in the fields of civil aviation to work more closely with ICAO in order to consolidate their efforts and realize synergies in addressing the safety issues.	South Sudan ICAO AFCAC South Sudan Partner States/Organiz ations	Airspace safety Effective assistance to South Sudan Effective coordination of assistance to South Sudan	31 March 2016 APCC/ APIRG/21 meetings	Done Ongoing Ongoing
Conclusion 20/14:	Regional PBN Implementation Plan	That: a) The Regional PBN Implementation Plan should be updated based on ASBU block timelines; b) The updated Regional PBN Implementation Plan be submitted to the APIRG Projects Coordinating Committee (APCC) for endorsement on behalf of APIRG and forwarded to States to guide implementation.	APIRG Secretariat APIRG Secretariat APCC States	Updated AFI PBN Implementation Plan Harmonized PBN implementation	APCC/ APIRG/21 meetings	Ongoing Ongoing
Decision 20/15:	Regional Performance Based Navigation (PBN) Implementation Strategy	That, the APIRG Secretariat expedite the development of a Regional PBN Implementation Strategy to speed up PBN implementation in relation to Assembly Resolution A37-11 global goals, through coordinated efforts of stakeholders including States, ICAO Regional Offices, AFCAC, and airspace users (AFRAA, IATA).	APIRG Secretariat	March 2016	APCC/ APIRG/21 meetings	Ongoing
Conclusion 20/16:	Optimization of the functions of the African Flight Procedure	That, in order to attain optimum benefits from the AFPP and to effectively support progress in the implementation of PBN in the region: a) African States are urged to approach the AFPP to establish how best they could	States	States	APCC/	Ongoing

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1	2	3	4	5	7	8
	programme (AFPP)	participate in the Programme and to benefit from its establishment; and b) The AFPP take concerted effort to provide information and sensitize States on taking advantage of its establishment and functions and services.	AFPP	participation in the AFPP	APIRG/21 meetings	Ongoing
Conclusion 20/17:	Support to the African Flight Procedure Programme	That, in order to provide the AFPP with resources to effectively discharge on its mandate: a) African States are urged to second qualified staff to the AFPP; and b) Member States of the AFPP are urged to pay their contributions to the AFPP timeously at the beginning of the year or as arranged with the AFPP.	States	Support to AFPP AFPP sustainability		Ongoing Ongoing
Conclusion 20/18:	Comprehensive measures to improve the AFI RVSM safety levels	That, in order to effectively and sustainably address the AFI RVSM safety levels, AFI States prioritize the effective implementation of the following measures: a) Incorporate Strategic Lateral Offset Procedures (SLOP), noting the safety benefits thereof even where surveillance has been implemented; b) Ensure adequate safety assessments, with particular attention to crossing points, before implementing new ATS routes; c) Take necessary action to improve reporting and investigation of incidents; d) Prioritise the implementation of ATS Inter-facility Data Communications (AIDC) to reduce coordination failures between FIRs; and e) Regulators to strictly enforce SARPs and regulatory provisions relating to aircraft RVSM approvals and operations.	States	Increased RVSM airspace safety against agreed TLS	APCC/ APIRG/21 meetings	Ongoing
Conclusion 20/19:	Implementation of SLOP	That AFI States: a) As a matter of urgency, should take necessary measures in implementing strategic lateral offset procedures (SLOP)	States	Increased RVSM airspace	APCC/ APIRG/21	Ongoing

Conclusions/ Decisions No.	Title of Conclusion/ Decision	Text of Conclusion/Decision	Responsibility	Deliverable	Report/ Completi on date	Status
1	2	3	4	5	7	8
		to ensure compliance with the provisions in PANS-ATM (Doc 4444, Chapter 16) and ICAO Circular 331; and b) Seek assistance from ICAO or the ARMA as necessary to ensure that the related publication meet the relevant ICAO provisions.		safety against agreed TLS	meetings	
Conclusion 20/20:	Restoration of the performance of AFS circuits	That States/ANSPs should as a matter of priority endeavor to restore the performance of Aeronautical Fixed Services (ATS/DS and AFTN) circuits.	States with low performance circuits	Effective AFS operational requirements	30 September 2016	
Decision 20/21:	Adoption of the AFI AMHS Manual and the AFI IP infrastructure test guidelines	That the AFI AMHS Manual and IP Infrastructure Test Guidelines are adopted as attached at Appendices 2.4.1A and 2.4.1B.	APIRG	AMHS manual IP infrastructure guidelines	APIRG/20	Done
Conclusion 20/22:	Implementation of AMHS	That States/ANSPs develop/revise their AMHS implementation plans and establish bilateral Memoranda of Understanding (MoUs) for the interconnection of AMHS systems and inform the ICAO Regional Offices for updates of the AFI AMHS implementation.	States	AMHS MoUs signed between Stats	APCC/ APIRG/21 meetings	
Conclusion 20/23:	Upgrade of VSAT backbone to support the interconnection and operation of AMHS	That, in order to eliminate the ground/ground limitation of the speed of the current circuits experienced during trials undertaken by ANSPs (ATNS, ASECNA), the current VSAT based ground/ground communication backbone be upgraded to support the interconnection and operation of AMHS.	States	AMHS capable infrastructure	APCC/ APIRG/21 meetings	
Conclusion 20/24:	Establishment of a Project Team for the implementation of a data link central	That: a) A Project Team comprised of Cabo Verde (as Team Leader), Ghana, ASECNA, South Africa, Seychelles, AFRAA and IATA be established to identify and propose the main functions of an AFI DL/CMRA, the	APIRG	Effective and sustainable data link monitoring mechanism	APCC/ APIRG/21 meetings	

Conclusions/ Decisions No.	Title of Conclusion/ Decision	Text of Conclusion/Decision	Responsibility	Deliverable	Report/ Completi on date	Status
1	2	3	4	5	7	8
	monitoring and reporting agency (DL/CMRA)	appropriate organizational framework and a suitable cost effective funding mechanism; and b) The Project Team Leader should provide a report of the activities of the project, which are to be mainly done through electronic conferences to the Secretariat for submission to the APCC and the outcome should subsequently be submitted to APIRG/21.	Project Team			
Conclusion 20/25:	Sharing of study on GNSS	That: a) States/ Organization who have undertaken studies and trials on GNSS should share their results to inform the impact analysis of an AFI GNSS/SBAS to be completed pursuant to APIRG Conclusion 19/29, covering operational, technical, environmental and economic aspects for this GNSS augmentation system; b) AFCAC Regional offices should pursue the search for the funding of an impact analysis related to GNSS/SBAS implementation in AFI Region; and c) AFCAC convene a regional Meeting to address GNSS implementation issues in the AFI Region.	States AFCAC AFCAC	Sharing of information on GNSS studies and trials AFI GNSS/SBAS impact analysis Regional Meeting on GNSS	31 December 2016 31 December 2016 31 December 2016	
Conclusion 20/27:	Assignment of SSR Mode S interrogator identifier (II) Codes	That in order to prevent conflicts in SSR Mode S operation in the overlapping coverage airspaces: a) States/Organizations send to the Secretariat, not later than 29 February 2016, the coordinates of their SSR Mode S stations and refer to their respective accredited ICAO Regional Office for the assignment of SSR Mode S Interrogator Identifier (II) code; and b) ICAO finalize the data base and the software for SSR Mode S Interrogator Identifier (II) code assignment.	States ICAO	Coordinates of SSR/S stations Software tool for II code assignment and management	29 February 2016 APIRG/21	
Decision 20/28:	Adoption of the AFI II Code	That the AFI II code planning criteria and procedures attached in Appendices 2.4.2A and	APIRG	Planning criteria	APIRG/20	Done

Conclusions/ Decisions No.	Title of Conclusion/ Decision	Text of Conclusion/Decision	Responsibility	Deliverable	Report/ Completi on date	Status
1	2	3	4	5	7	8
	assignment criteria and the AFI II codes assignment manual	2.4.2B are adopted.	States	for II codes		
Conclusion 20/29:	Continued support to ICAO Position	That, in accordance with the ICAO spectrum strategy, policy Statements and related information as contained in the Handbook on Radio Frequency Spectrum Requirements for Civil Aviation (Doc 9718): a) States /Organizations continue to support ICAO position for WRC in particular on agenda item of high importance to the safe operation of aircraft by participation in the national and regional/sub regional preparatory Meetings for ITU WRC Meetings; and b) The Secretariat reinforce the coordination of the initiatives that will ensure the alignment of their national position with ICAO position for WRC.	States	Support Secured aeronautical frequency spectrum	to WRC/19 (2019)	
Conclusion 20/30:	Protection of C band spectrum	That in accordance with Resolution 154 (Rev. WRC-15), States /Organizations take the appropriate measures in order to ensure the protection of the satellite C-band operated by the AFI VSAT networks: a) Registration of the aeronautical VSAT frequencies in the States register held by the national authorities of regulation of telecommunication; and b) Follow-up with the concerned authorities in the States to further register the frequencies in the ITU Master International Frequency Register (MIFR).	States Organizations	Registered VSAT stations/ frequencies	APCC/ APIRG/21 meetings	
Conclusion 20/31:	Reinforcement of the Capacity of AFI CNS Personnel	That in order to ensure an effective implementation of the APIRG identified projects: a) States /Organization should pursue their efforts in developing CNS personnel capacity	States	Training of CNS personnel	APCC/ APIRG/21	

Conclusions/ Decisions No.	Title of Conclusion/ Decision	Text of Conclusion/Decision	Responsibility	Deliverable	Report/ Completi on date	Status
1	2	3	4	5	7	8
		building through consolidated training plans and programmes. In doing so, they should make optimum use of available expertise in the AFI Region; and b) ICAO should continue to support CNS personnel capacity building through workshops and seminars.	ICAO Regional Offices	Regional workshops/seminars	meetings APIRG/	
Conclusion 20/32:	Coordination for air navigation service planning and implementation	That in the framework of its new structure and project based approach, APIRG should establish appropriate mechanisms to ensure efficient coordination of planning and implementation of air navigation services (AGA, AIM, ATM, CNS, SAR and MET).	APIRG	Coordinated implementation of ANS requirements	APCC/ APIRG/21 meetings	
Conclusion 20/33:	Implementation of AN-Conf/ 12 Rec. 3/8 (c)	That States which have taken the initiative of the AFI-CAD concept of implementing Centralized AIS databases should ensure compliance with the provisions of AN-Conf/12 Recommendation 3/8(c) calling for intraregional and interregional cooperation for an expeditious transition from aeronautical information service (AIS) to aeronautical information management (AIM) in a harmonized manner and use of digital data exchange and regional or sub regional AIS databases as an enabler for the transition from AIS to AIM.	States	Harmonized transition from AIS to AIM	APCC/ APIRG/21 meetings	
Conclusion 20/34:	Inter-operable Systems and Data	That States should ensure the compatibility of the various versions of AIXM databases and integration of the different aeronautical data domains to facilitate implementation of a system wide information management (SWIM), under ASBU B0-DATM element on AIXM in the AFI Region.	States	Interoperable AIXM database	APCC/ APIRG/21 meetings	
Conclusion 20/35:	Planning and implementation of AIM	That States should ensure that the planning and implementation of AIM in the region, is coherent and compatible with the developments in adjacent regions, and is carried out within the framework of the ATM Operational Concept, the Global Air Navigation Plan.	States	Interregional coordination of AIM implementation	APCC/API RG/21 meetings	
Decision 20/36:	AIM Personnel	That APIRG should consider developing AIS/AIM competency provisions and monitoring	APIRG	AIM proficiency	APIRG/21	Done

Conclusions/ Decisions No.	Title of Conclusion/ Decision	Text of Conclusion/Decision	Responsibility	Deliverable	Report/ Completi on date	Status
1	2	3	4	5	7	8
	competency in the AFI Region	mechanisms to guide harmonized framework for qualifying AIM personnel through initial and periodic assessments as per ICAO Annex 15 para 3.7.4 requirement.				
Decision 20/37:	Status of Implementation of the MET/SG Work Programme	That, the Secretariat incorporate the work programme of the AFI Meteorological Sub-Group (MET/SG) in the work programme of the new APIRG Infrastructure and Information Management Sub-group (IIM/SG).	APIRG Secretariat	Implementation of MET requirements	APCC/ APIRG/21 meetings	Done
Conclusion 20/38:	AFI Air Navigation Report Form (ANRF) for B0-AMET Module	That the updated Air Navigation Report Form (ANRF) at Appendix 2.6B be adopted for ASBU B0-AMET module in the AFI Region.	APIRG	Updated ANRF for B0-AMET module	APIRG/20	Done
Decision 20/39:	Amendment to the AFI Air Navigation System Implementation Action Plan	That the AFI Air Navigation System Implementation Action Plan be amended as provided in Appendix 2.6C to this report.				Done
Conclusion 20/40:	Qualification of Personnel Performing Safety Oversight functions of the Aeronautical Meteorological Service	That, States put in place mechanisms to ensure personnel performing safety oversight functions of the aeronautical meteorological service in the AFI region, are adequately qualified and competent as stipulated in Annex 19 to the Chicago Convention and report progress to APCC and status report to the next meeting of the APIRG (APIRG/21).	States	Effective oversight of aeronautical MET	APIRG/21	Ongoing
Conclusion 20/41:	Participation in the activities of the future Expert Group on the implementation	That AFI States be encouraged to participate in the activities of the future Expert Group on the implementation of the system wide information management (SWIM) in the MET field.	States	Participation in MET Expert Group on SWIM	APIRG/21	Ongoing

Conclusions/ Decisions No.	Title of Conclusion/ Decision	Text of Conclusion/Decision	Responsibility	Deliverable	Report/ Completi on date	Status
1	2	3	4	5	7	8
	of MET related SWIM Activities					
Conclusion 20/42:	Recent WAFS and SADIS developments	That: a) AFI States are encouraged to regularly obtain information on the verification of WAFS London GRIB2 CAT and CB forecast data; b) SADIS Users in the AFI region: 1) Contact their SADIS Workstation software provider to seek information regarding future updates and to take advantage of the enhancements including the provision of traditional alphanumeric OPMET data at 1 minute intervals; and 2) Establish and regularly test backup accounts with the alternative provider to be used in the event that their normal service in accordance with the AFI ANP, is not available.	States States States	Verification of BRIB2 CAT and CB forecast data SADIS software updated Backup systems to SADIS	APIRG/21 APIRG/21 APIRG/21	Ongoing Done Done
Conclusion 20/43:	Action plan to remove air navigation deficiencies in the MET field	That: a) ICAO Regional Offices in Dakar and Nairobi, update the air navigation deficiencies in the MET field in the remaining non-visited AFI States; b) AFI States where deficiencies still persist, endeavour to establish and implement an action plans aimed at removing air navigation deficiencies in the MET field; and c) AFI Regional OPMET Data Banks (RODBs) present statistics on availability of OPMET data, using the following thresholds: “above 97% availability, between 50% and 97% availability and below 50% availability”.	ICAO Regional Offices States RODBs	Updated MET deficiency list Corrective action plans OPMET data availability	31 March 2016 APIRG/21 Quarterly or as required	Ongoing Done Done
Conclusion 20/44:	Transition Plan for handling	That, the information given in Appendix 2.6D to this report, is endorsed as the Transition Plan for	APIRG States	Digital OPMET information	APIRG/20	Done

Conclusions/ Decisions No.	Title of Conclusion/ Decision	Text of Conclusion/Decision	Responsibility	Deliverable	Report/ Completi on date	Status
1	2	3	4	5	7	8
	OPMET Information in Digital Format in the AFI region	handling OPMET Information in Digital Format in the AFI region.				
Conclusion 20/45:	Training Seminars to develop capability building for handling OPMET data in digital format in the AFI region	That the WMO, in coordination with ICAO, assist AFI States in implementing OPMET Information exchange in Digital format by conducting regional training seminars and workshops in order to: <ul style="list-style-type: none"> a) increase awareness of users of the AFI Meteorological Bulletin Exchange (AMBEX) units, on the exchange of OPMET data in digital format; and b) expedite the implementation of the AFI Transition Plan for handling OPMET Information in Digital Format. 	WMO ICAO States	States' awareness on digital OPMET exchange Transition plans for digital OPMET handling	APIRG/21 APIRG/21	Ongoing
Decision 20/46:	Updating the AFI regional SIGMET Guide and AMBEX Handbook	That, the documents given at Appendix 2.6E and 2.6F to this report, are endorsed as the 10 th edition of the AFI regional SIGMET Guide and the updated AMBEX Handbook, 7th Edition – Amendment 4, respectively.	APIRG States	10 TH EDITION OF AFI SIGMET Guide Updated AMBEX Handbook	APIRG/20	Done
Conclusion 20/47:	Application and Development of the AFI eANP	That: <ul style="list-style-type: none"> a) APIRG apply the new Regional Air Navigation Plan Template approved by the ICAO Council; and b) The Secretariat: <ol style="list-style-type: none"> 1) Finalize AFI eANP Volumes I, II and III in coordination with States by 29 February 2016, based on the material developed by APIRG Sub-groups; and 2) Initiate the corresponding proposals for amendment as per applicable procedures. 	APIRG States APIRG Secretariat APIRG	AFI eANP Template Finalized AFI eANP Volumes I, II and III AFI eANP approved	APIRG/20 29 February 2016 31 March/ April 2016	Done

Conclusions/ Decisions No.	Title of Conclusion/ Decision	Text of Conclusion/Decision	Responsibility	Deliverable	Report/ Completi on date	Status
1	2	3	4	5	7	8
			Secretariat States			
Conclusion 20/48:	Revised APIRG Procedural Handbook	That the APIRG Secretariat: a) Circulate the draft revised APIRG Procedural Handbook to APIRG members for their comments and inputs not later than 29 February 2016; and b) Finalize and publish the final version of the revised APIRG Procedural Handbook by 30 March 2016.	APIRG Secretariat States APIRG Secretariat	APIRG Procedural Handbook revised with States' inputs New edition of APIRG Procedural Handbook	31 January 2016 29 February 2016	
Conclusion 20/49:	Projects Identification and Implementation issues	That: a) The initial set of projects identified by APIRG Sub-groups as shown at Appendix 4.4.8A through Appendices 4.4.8B, 4.4.8C, 4.4.8D1, 4.4.8D2, 4.4.8D3, 4.4.8E1, 4.4.8E2 and 4.4.8E3 are adopted; b) The Secretariat develop a consolidated catalogue of all identified projects, using a standard format, to be endorsed by the APCC. In doing so, projects should be structured according to applicable areas of routing; c) The APIRG through its APCC explore assistance and funding mechanisms in cooperation with regional and sub-regional organizations such as the African Union, the African Civil Aviation Commission, Regional Economic Communities (RECs) and financial institutions; and d) The ICAO Regional Offices, AFCAC and AFRAA pursue interregional coordination to achieve harmonization and interoperability of air navigation systems, as	APIRG ICAO Regional Offices APCC APIRG/APCC ICAO Regional Offices AFCAC	Implementation Projects for Air Navigation APIRG Project Catalogue for each area of routing Resource mobilization for APIRG projects	31 December 2015 31 March 2016 APIRG/21 APIRG/21	Done

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1	2	3	4	5	7	8
		well as seamless air transport operations across the regions.	AFRAA			
