



APIRG/20 CONCLUSIONS/DECISIONS APPLICABLE TO THE AAO/SG

**(Conclusions/Decisions under yellow highlight are directly applicable to the business of the JMAASG)**

Domain/ Assignment	Conclusions/ Decisions No.	Title of Conclusion/ Decision	Text of Conclusion/Decision	Responsibility	Deliverable	Report/ Completion date	Status
1	2	3	4	5	7	8	9
Aerodromes and Ground aids  (AAO/SG)	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 past 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	22% (30 out of 133) AFI international Aerodromes  Projects in draft, to be endorsed by the AAO/SG  AFI Plan Assistance Project to (18months): 8 States ESAF(26%) and 8 States in WACAF(4%) by the end of the project
Aerodromes and Ground aids  (AAO/SG)	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	Implementation: 10. 11.2016 SL follow up June 2016  SL June 2016 Report on implementation Status APIRG/21
Aerodromes and Ground aids	Conclusion 20/03:	Aerodrome Emergency Planning (AEP) including Public Health Emergency	That: a) States are urged to ensure that public health component of the Aerodrome Emergency Plan and organization of the	States	Aerodrome emergency plans based on ICAO	APIRG/21	SL June 2016 Report on implementation Status

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(AAO/SG)		(PHE)	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	and WHO provisions		APIRG/21  SL June 2016 Report on implementation Status APIRG/21  SL June 2016 Report on implementation Status APIRG/21
<b>Air Navigation Services</b>  (AAO/SG & IIM/SG)	<b>Decision 20/04:</b>	<b>AFI ANS key performance indicators, targets and monitoring</b>	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 <sup>rd</sup> 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  Sub-Groups to plan accordingly
<b>Air Navigation Services</b>  (AAO/SG & IIM/SG)	<b>Conclusion 20/05:</b>	<b>Status of implementation of ASBU Block 0 Modules</b>	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 APCC	Progress reports by States  Progress Report on ASBU implementation	APIRG/21 and as required by ICAO ROs  APCC/ APIRG/21 meetings	
<b>Air Traffic Management</b>  (AAO/SG)	<b>Decision 20/06:</b>	<b>Measures to address the high number of unsatisfactory condition reports (UCRs) in the AFI region</b>	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	
<b>Air Navigation</b>	<b>Conclusion</b>	<b>Addressing missing flight</b>	That:				

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Services  (AAO/SG & IIM/SG)	20/07:	plans	<ul style="list-style-type: none"> <li>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;</li> <li>b) States should establish a focal point team to follow up on the implementation of the remedial measures;</li> <li>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</li> <li>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.</li> </ul>	<p>States</p> <p>States</p> <p>Concerned stakeholders</p> <p>APIRG Secretariat</p>	<p>Elimination of missing flight plan irregularity Designated focal points</p> <p>Implementation of AFTN collective addresses Identification of root causes and remedial actions to missing flight plan irregularities</p>	<p>APIRG/21</p> <p>29 February 2016</p> <p>30 June 2016</p> <p>31 March 2016</p>	
Communications  (IIM/SG & AAO/SG)	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	
Communications  (IIM/SG & AAO/SG)	Conclusion 20/09:	Implementation of ICAO PBCS Manual (DOC 9869) and GOLD Manual (DOC 10037)	<p>That:</p> <ul style="list-style-type: none"> <li>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;</li> <li>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</li> <li>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.</li> </ul>	<p>States ANSPs</p> <p>States ANSPs</p> <p>ICAO</p>	<p>Implementation of Datalink performance requirements</p> <p>Implementation of ADS-C/CPDLC performance requirements Implementation of communication and surveillance requirements</p>	<p>APIRG/21</p> <p>APIRG/21</p> <p>APIRG/21</p>	
Search and Rescue  (AAO/SG)	Conclusion 20/10:	Search and Rescue (SAR)	<p>That:</p> <ul style="list-style-type: none"> <li>a) States be urged to conclude SAR agreements under Regional frameworks to facilitate operational cooperation and efficiency; and</li> <li>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).</li> </ul>	<p>States</p> <p>APIRG Secretariat AFCAC</p>	SAR agreements signed by all States AFI SAR web page AFI SAR Team of Experts SAR Support Project	<p>APIRG/21</p> <p>APCC/ APIRG/21 meetings</p>	
Air Navigation Services  (AAO/SG &	Decision 20/11:	AFI air navigation deficiencies data base (AANDD)	<p>That:</p> <ul style="list-style-type: none"> <li>a) In order to facilitate the clear identification of challenges and the prioritization of implementation support, States are urged to provide status of implementation in various areas as</li> </ul>	States	Status of implementation of ANS requirements by	APIRG/21	Development of the AANDD has entered Test Stage expected to be completed 29

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IIM/SG)			requested by the Secretariat, and in particular, to respond to surveys to that effect; and b) In order to facilitate achievement of the objectives of reporting and resolution of deficiencies in the AFI Region, the Secretariat should take necessary action to bring the AANDD into operation.	APIRG Secretariat	individual State States' responses to RO surveys Operational AN deficiency database		July 2016
Air Traffic Management (AAO/SG)	Conclusion 20/12:	Civil/military cooperation and coordination	That in order to facilitate civil/military cooperation, States: a) Consider application of ICAO guidance material including Circular 330 and share such material with their military counterparts; b) Adopt a Flexible Use of Airspace (FUA) approach in establishing prohibited, restricted or danger areas such that these areas are established on a temporary basis, taking into account the needs of civil aviation; c) Establish a legal framework to support effective coordination between civil and military authorities; d) Incorporate element of civil/military cooperation in the training syllabus of both civil and military air traffic service personnel; and e) Constantly review the existence of prohibited, restricted or danger areas pursuant to LIM/AFI (1988) Recommendation 2/21.	States	Effective civil-military cooperation	APIRG/21	
Air Navigation Services (AAO/SG & IIM/SG)	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/Organizations	Airspace safety  Effective assistance to South Sudan Effective coordination of assistance to South Sudan	31 March 2016  APCC/ APIRG/21 meetings	
Air Traffic Management (AAO/SG)	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	
Air Traffic Management (AAO/SG)	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	

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Air Traffic Management  (AAO/SG)	Conclusion 20/16:	Optimization of the functions of the African Flight Procedure programme (AFPP)	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 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.	States  AFPP	States participation in the AFPP	APCC/ APIRG/21 meetings	
Air Traffic Management  (AAO/SG)	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	APCC/ APIRG/21 meetings	
Air Traffic Management  (AAO/SG & IIM/SG)	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	In view of the RVSM CRA status noted by the TAG/8 Meeting. And turnover of initial RVSM officials:  Re-training of RVSM officials
Air Traffic Management  (AAO/SG)	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) 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 meets the relevant ICAO	States	Increased RVSM airspace safety against agreed TLS	APCC/ APIRG/21 meetings	

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			provisions.				
Communications (IIM/SG & AAO/SG)	Conclusion 20/24:	Establishment of a Project Team for the implementation of a data link central monitoring and reporting agency (DL/CMRA)	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 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.	APIRG  Project Team	Effective and sustainable data link monitoring mechanism	APCC/ APIRG/21 meetings	
Air Navigation Services (AAO/SG & IIM/SG)	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	
Air Navigation Services (AAO/SG & IIM/SG)	Conclusion 20/47:	Application and Development of the AFI eANP	That: a) APIRG apply the new Regional Air Navigation Plan Template approved by the ICAO Council; and b) The Secretariat: 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 Secretariat States	AFI eANP Template  Finalized AFI eANP Volumes I, II and III AFI eANP approved	APIRG/20  29 February 2016  31 March/April 2016	Done
Air Navigation Services (AAO/SG & IIM/SG)	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	
Air Navigation Services (AAO/SG & IIM/SG)	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	APIRG  ICAO Regional Offices APCC	Implementation Projects for Air Navigation  APIRG Project Catalogue for each	31 December 2015  31 March 2016	Done  Projects to be prioritized and the immediate ones defined

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			<p>by the APCC. In doing so, projects should be structured according to applicable areas of routing;</p> <p>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</p> <p>d) The ICAO Regional Offices, AFCAC and AFRAA pursue interregional coordination to achieve harmonization and interoperability of air navigation systems, as well as seamless air transport operations across the regions.</p>	<p>APIRG/APCC</p> <p>ICAO Regional Offices AFCAC AFRAA</p>	<p>area of routing Resource mobilization for APIRG projects</p> <p>Coordinated implementation of air navigation systems</p>	<p>APIRG/21</p> <p>APIRG/21</p>	