



APIRG AIRSPACE RELATED CONCLUSIONS/DECISIONS

Domain/ Assignment	Conclusions/ Decisions No.	Title of Conclusion/ Decision	Text of Conclusion/Decision	Responsibility	Deliverable	Report/ Completion date	Status
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Air Navigation Services (AAO/SG & IIM/SG)	Decision 20/04:	AFI ANS key performance indicators, targets and monitoring	That:	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	<i>Completed</i> <i>Completed</i> <i>Sub-Groups to plan accordingly</i>
			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).				
Air Navigation Services (AAO/SG & IIM/SG)	Conclusion 20/05:	Status of implementation of ASBU Block 0 Modules	That:	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	<i>Pending States responses on implementation status</i>
			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).				
Air Traffic Management (AAO/SG)	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	APIRG Secretariat	Reduction of UCRs	APCC/ meetings APIRG/21	<i>Measures being implemented. A project is being developed</i>

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			AIRPROXs in line with the established ANS performance indicators and targets.				
Air Navigation Services (AAO/SG & IIM/SG)	Conclusion 20/07:	Addressing missing flight plans	That: 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	<i>Measures developed for States to reduce missing flight plans</i> <i>There has been a gradual reduction in missing flight plans being reported</i>
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	<i>ADS-C CPDLC being implemented in some AFI FIRs</i> <i>Follow up CPDLC Workshop in Accra which should facilitate development by APIRG, of way forward</i>
Communications (IIM/SG & AAO/SG)	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 CPDLC/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	<i>ADS-C CPDLC being implemented in some AFI FIRs</i> <i>Follow up CPDLC Workshop in Accra which should facilitate development by APIRG, of way forward</i>
Air Navigation Services (AAO/SG & IIM/SG)	Decision 20/11:	AFI air navigation deficiencies data base (AANDD)	That: 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 requested by the Secretariat, and in particular, to respond to surveys to that effect; and	States	Deficiency database fully developed	APIRG/21	<i>Not yet started</i>

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			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			
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	<i>Two workshops held</i> <i>Follow-up workshops to be organized during 2017-2018 for AFI States</i> <i>SL to clearly indicate military authorities should participate in the forums.</i>
Air Traffic Management (AAO/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	Enhanced safety in South Sudan airspace	APIRG/21	Safety issues being addressed under the TANSD Two high level missions conducted to South Sudan, inter alia to facilitate signing of High Agreement. Other UN Agencies (UNMISS, WFP ICAO) to assist in the lower airspace
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	<i>55.1% of AFI States meet the Resolution Targets for 2016</i> <i>80.1% of PBN runway ends implemented</i>
Air Traffic Management	Decision 20/15:	Regional Performance Based Navigation (PBN)	That, the APIRG Secretariat expedite the development of a Regional PBN Implementation Strategy to speed up PBN implementation in	APIRG Secretariat	March 2016	APCC/ APIRG/21 meetings	<i>Convene a meeting with Stakeholders and</i>

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(AAO/SG)		Implementation Strategy	relation to Assembly Resolution A37-11 global goals, through coordinated efforts of stakeholders including States, ICAO Regional Offices, AFCAC, and airspace users (AFRAA, IATA).				States like IATA, AFCAC: • to develop strategy • coordinate support
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	APIRG/21 APCC/ APIRG/21 meetings	25 active participation States 4 user States
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	25 active participating States 4 user States AAO/SG to establish specific measures to facilitate implementation of the Conclusion
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	Re-training of RVSM officials required. Seminar/ workshop / training planned for early 2017 SLOPS to be implemented in remaining AFI FIRs(through aeronautical publication) AAO/SG to recommend action at high level
Air Traffic Management	Conclusion 20/19:	Implementation of SLOP	That AFI States: a) As a matter of urgency, should take necessary measures in	States	Increased RVSM airspace safety against	APCC/ APIRG/21 meetings	Guidance on publication developed

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(AAO/SG)			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 provisions.		agreed TLS		by ARMA and circulated to States XX number of States has implemented SLOP. ARMA and the two ROs following up
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/ meetings APIRG/21	Activity reports of the project to be provided to Secretariat for submission to the APCC CNS officer to prompt for response from Cape Verde
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/ meetings APIRG/21	Mechanisms to be fully implemented
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 2016	Completed New eANP Volume I approved by the President of ICAO on 19 August 2016 PfA for Volume II initiated, awaiting feedback from ROs
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 by the APCC. In doing so, projects should be structured according to applicable areas of routing;	APIRG ICAO Regional Offices APCC	Implementation Projects for Air Navigation APIRG Project Catalogue for each area of routing Resource mobilization	31 December 2015 31 March 2016	Completed Completed

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			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 well as seamless air transport operations across the regions.	APIRG/APCC ICAO Regional Offices AFCAC AFRAA	for APIRG projects Coordinated implementation of air navigation systems	APIRG/21 APIRG/21	<i>Funding mechanisms to be fully explored</i>
