

**FOURTH MEETING OF THE APIRG AIRSPACE AND AERODROME OPERATIONS SUB-GROUP
(AAO/SG4)
Virtual meeting, 16 to 18 August 2021**

AGENDA ITEM N°	AGENDA ITEM
0.	Welcome and opening
1.	Adoption of the Agenda, the Work Programme and Election of the Chairperson and Vice-Chairperson of the Meeting 1.1 Adoption of the agenda and the work programme 1.2 Election of the Chairperson and Vice-Chairperson
2.	Review of the Conclusions/Decisions of the Third Meeting of the Aerodrome and Airspace Sub-Group (AAO/SG-3) /Review of the Conclusions of the APIRG/23 Meeting applicable to AAO/SG
3.	Planning and implementation 3.1 Airspace (Safety , Capacity and Efficiency)Projects 3.2 Aerodromes Operations (Safety Capacity and Efficiency) Projects 3.3 Other Air Navigation Initiatives
4.	Air Navigation Plan
5.	AFI Air Navigation deficiencies
6.	Review of the Terms of Reference and Work Programme of the APIRG AAO Sub-Group
7.	Review of the draft Conclusions/Decisions of the fourth meeting of the Aerodrome and Airspace Sub-Group (AAOSG/4)
8.	Any other business

Agenda Item 1

Election of Chairperson and Vice Chairperson

Draft Decision 4/01 : Election of the Chairperson and/or Vice-Chairperson

That, in order to guide the discussions of the Sub-Group Mr. Billy Diabasenga (Democratic Republic of Congo) and Nathan Kaluba (Zambia) were elected as Chairperson and Vice Chairperson of Sub-Group.

Agenda Item 3

ATM Master Plan

Draft Decision 4/02: Implementation of the AFI ATM Master Plan (AAMP)

That in order to enable the completion of the AFI ATM Master Plan (AAMP),

- a) States / Organizations confirm by 31 December 2021, the availability of previously nominated AFI ATM Master Plan (AAMP) project members to continue with the project or nominate suitable alternatives and ensure their effective participation as project team members; and

- b) The Secretariat coordinate with the project team to present the 1st Draft AFI ATM Master Plan to APIRG/24 for endorsement..

AFI ATM CONTINGENCY PLAN

Draft Conclusion 4/03: Review of the AFI ATM CONTINGENCY PLAN (AFI ATM CP)

That in order to ensure availability of information pertaining to the AFI region contingency plans,

- a) States that have not done so, to review and publish the National ATM CP, and forward the signed copies to ICAO Regional Offices by 31 December 2021; and
- b) States to establish and link by 31 December 2021, their National ATM Contingency Plans to the ICAO Webpage of ATM Contingency Plans.

Draft Decision 4/03: Review of the AFI ATM CONTINGENCY PLAN (AFI ATM CP)

That in order to ensure availability of information pertaining to the AFI region contingency plans,

- a) APIRG to endorse the Second Version of the AFI ATM Contingency Plan in **Appendix x**;

FREE ROUTE AIRSPACE

Draft Conclusion 4/04: Implementation of the AFI FREE ROUTE AIRSPACE (AFI FRA)

That in order to foster a harmonized implementation of the AFI FRA within the stipulated timelines;

- (a) States that have not already done so, to complete the FRA Gap Analysis checklist and forward to ICAO Regional Offices as a matter of urgency, using the provided survey tool: https://www.surveymonkey.com/r/Preview/?sm=3CzP166ETNuFuWD9Otd2CNEEJJetf9yXt_2FWdFyCzfsWZO7XUx_2B_2BWJ6iyGBKffJKJ

Draft Decision 4/04: Implementation of the AFI FREE ROUTE AIRSPACE (AFI FRA)

That in order to foster a harmonized implementation of the AFI FRA within the stipulated timelines;

- a) The meeting endorse the draft AFI FRA CONOPS in **Appendix X**,

ARMA

Draft Conclusion 4/05: Attainment of the AFI RVSM Airspace Target Level of Safety.

In order to attain the Target level of Safety in AFI RVSM Airspace,

- a). States that not already done so to ensure that operators establish and comply by 31 December 2021 with Long Term Height Monitoring Requirements as per Annex 6 Standards and provide evidence to the ARMA; and,
- b).** ICAO to engage the States in the Horn of Africa to address the high level of Large Height Deviations (LHD),

Draft Decision 4/07: Establishment of an ARMA Publication website

ICAO to establish a webpage link with the ARMA website to enable Stakeholders to have easy access to the RVSM and PCBS information.

SAR

Draft Decision 4/09: Improvement of Search and Rescue Services in the AFI Region:

That in order to have an improved and harmonized implementation of the Search and Rescue Services in the AFI region, APIRG:

- a) to endorse the Draft AFI SAR Plan in **Appendix X and**
- b) States urged to harmonize their National SAR Plans with the Regional SAR once implemented.

AFI SSR CMP

Draft Conclusion 4/10: Implementation of the AFI SSR CMP

That in order to ensure the smooth implementation of the adopted AFI SSR CMP:
States to promote awareness to all stakeholders on the AFI SSR CMP in preparation for the proposed implementation date of 22 January 2022.

ATSCS

Draft Conclusion 4/11: ATS Competency Study (ATSCS)

That in order to enable the completion of the ATS Competency Study (ATSCS):
States are urged to ensure the ANSPs respond as a matter of urgency to the survey questionnaire already sent out to the ANSPs.

PBN

Draft Conclusion 4/13: Optimization of the ATS Route Structure in the AFI En-Route Airspace

That, in order to optimize the ATS route structure in the AFI En-route airspace and foster the harmonized implementation of the RNAV/5, RNP/4, and RNP/2:

- a) States/ANSPs, IATA and AFRAA collaborate and conduct a survey of aircraft equipage in the AFI region by 31 March 2022 to facilitate RNAV/5, RNP/2 and RNP/4 planning decisions;
- b) States in coordination with ICAO, IATA, AFRAA and the AFPP identify trunk routes connecting major city pairs in the upper airspace and transit to/from aerodromes for RNAV/5, RNP/2 and RNP/4 implementation by 31st October 2022;
- c) ICAO Regional Offices and AFPP conduct workshop on RNAV/5, RNP/2 and RNP/4 airspace concept design and assist in the implementation activities including the required regulatory approvals; and
- d) ICAO Regional Offices to conduct workshop in order to assist States in developing capacity for RNP approval to facilitate safe and timely RNP implementation in the AFI region.

CCO and CDO

Draft Decision 4/12: Improved PBN Implementation

That in order to improve the continued implementation of PBN and foster the harmonized implementation approach,

- a). AFPP and ICAO Regional Offices to conduct a CCO/CDO implementation survey.
- b). AFI States to confirm their CCO/CDO implementation status by providing to the respective ICAO Regional Offices copies of procedures published.

SAT

Draft Conclusion 4/15: Adoption of a Formalized SAT Structure and Handbook

That, in order to establish and operationalize a formalized structure for the provision of ATS improvements over the entire South Atlantic;

- a) The SAT structure and Handbook in Appendix X to this report is endorsed as the governance framework for the SAT Group; and
- b) AFI SAT States are urged to nominate appropriately qualified experts for the SSG, IMG and SOG chair and vice-chair positions by providing a nomination letter including the Curriculum Vitae (CVs) of those nominated to SAT positions;

Civil/Military Cooperation

Draft Conclusion 4/16: Implementation of Civil/Military Cooperation

That in order to promote a harmonized implementation of the first edition of the Manual of Civil/Military Cooperation in ATM (Doc 10088) in the AFI region:

- a) States to conduct national awareness seminars ,workshops , joint planning and provision of services where necessary on Civil/Military cooperation; and
- b) States request ICAO to assist where necessary in the implementation of specific Civil/Military activities and programmes.
- c) States to consider review of existing Special Use Airspaces (SUA) in order to facilitate the implementation of FUA.
- d) Based on flight plannable directs post implementation data, states to engage with the concerned military authorities, in order to improve availability of FUA.

GRF

Draft Conclusion 4/20: GRF Implementation and Monitoring

That,

In order to ensure effective implementation of GRF, States to continuously update ICAO Regional Offices on the status of the implementation including any challenges for support where necessary

ACDM

Draft Conclusion 4/21: Information Sharing among All Airport Stakeholders, as an Enabler for ACDM Implementation

That;

In order to foster the implementation of A-CDM, ICAO Regional offices to organize workshops on ACDM by 31 March 2022 and encourage States to participate.

PANEL DISCUSSION

Draft Conclusion 4/22: Building Back Better Air Navigation Systems

That, in order to build-back-better air navigation systems, ICAO organize seminars on innovations, emerging technologies and business models which leverage on the benefits of Artificial Intelligence, Big Data and digitalization, etc. in order to modernize the provision of air navigation systems and services in the region and meet the growth projection in Yamoussoukro Declarations, SAATM and AfCFTA.

Draft Decision 4/24: Building Back Better Air Navigation Systems

That, in order to build-back-better air navigation systems, the meeting to consider methodology of conducting study on the impact on the provision of air navigation services in the region as a result of the concept of working remotely; determine safety and efficiency of operations as well as benefits, challenges, social and economic impact of new working arrangements.

Agenda Item 4

GANP

Draft Decision 4/26: Implementation of sixth Edition of the GANP within the AFI Region

That, In order to foster the implementation of the Global Air Navigation Plan;

- a) ICAO Regional Offices to conduct a sensitization workshop on the provisions of the sixth Edition of the GANP by 30th June 2022
and
- b) ICAO Regional Offices to conduct a workshop on ASBU by 30th August 2022;

Agenda Item 5

Agenda Item 6

Draft Decision Terms Of Reference (Tor), Composition And Future Work Programme Of The AAO Sub-Group

That;

the Work Programme of the AAO/SG is adopted as attached in *Appendices XX*

Agenda Item 7

Agenda Item 8

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