

**Summary of Draft Conclusions and Decisions of the
Third Meeting of the APIRG Infrastructure and
Information Management Sub-Group**

(IIM/SG/3)

Virtual Meeting, 12 – 14 October 2020

Draft Decision 3/1: Appointment of the Chairperson and Vice-Chairperson of the Meeting:

That:

In order to ensure effective chairing of the third meeting of the APIRG IIM /SG and the coordination of its future activities, Côte d'Ivoire and South Africa are respectively appointed as Chairperson and Vice Chairperson of the APIRG IIM SG.

Draft Conclusion 3/2: Implementation of APIRG IIM SG outstanding Conclusions and Decisions

That:

In order to effectively address pending issues identified by APIRG IIM SG, States/ Organizations that have not yet done so, undertake the effective implementation of the outstanding conclusions and decisions of the previous APIRG IIM SG meetings.

Draft Conclusion 3/3: Participation in the activities of APIRG IIM SG Project Teams

That:

In order to increase the efficiency of the work of the APIRG IIM SG:

- a) The Secretariat will circulate the list of IIM Projects Teams to States/ Organizations not later than 16 November 2020;
- b) Member States/Organizations of the APIRG IIM SG:
 - i. Update the Secretariat and confirm the list of their nominees with their contact details by 29 January 2021;
 - ii. Verify the expertise, availability, commitment and participation of their qualified experts; and
 - iii. Take advantage of the available teleworking tools to ensure their effective and continuous participation in the activities of the IIM Sub Group and notify the Secretariat in case of unavailability of appointed experts.
- c) APIRG IIM SG Chair and vice chair convene quarterly PTCs coordination meetings to assess the progress made and identify the challenges, the first meeting should be conducted before 14 January 2021.

Draft Conclusion 3/4: Effective and efficient coordination of the IIM Projects Activities.

That:

In order to efficiently contribute to the APIRG IIM projects activities and to ensure their timely completion

- a) The Secretariat to distribute the projects survey questionnaires by 16 November 2020;
- b) States to:
 - i. Respond to the survey questionnaire before 31 March 2021; and
 - ii. Continuously take the necessary measures for the effective and active attendance of their experts in the APIRG IIM Projects activities

Draft Conclusion 3/5: Operationalization of the APIRG IIM SG COM Project 2 and AIM Project 3

That:

In order to operationalize the APIRG IIM SG COM Project 2-Implementation of Ground/Ground communication (AFTN, AMHS) and AIM Project 3-Implementation of the provision of electronic terrain and obstacle data (e-TOD) in the AFI Region, Nigeria, not later than 30 October 2020:

- a) Confirm formally, through a correspondence in response to ICAO State Letter T 17/6.11 (C)-0726 dated 05 December 2019, their commitment to lead the APIRG IIM SG COM Project 2 and AIM Project 3;
- b) Appoint the related Projects Team Coordinators and forward their details to the Secretariat for sharing and appointment of Projects Team members by States/Organizations; and
- c) The PTCs appointed by Nigeria convene as soon as possible preferably before 15 January 2021 the first projects coordination meetings to develop and forward to the Secretariat, for sharing, the Projects documents.

Draft Conclusion 3/6: Cooperation and harmonization in planning implementing, operation and monitoring

That:

In order to build sustainable aeronautical infrastructure and information systems, and reinforce cooperation and harmonization in planning and expeditious implementation, operation and monitoring of interconnected systems States/Organizations be urged to take appropriate measures and actions, aimed at integrating their programme/plans into Regional initiatives promoted by the framework of APIRG projects approach.

Draft Conclusion 3/7: AFI IWXXM Implementation Guideline and development of capabilities of handling OPMET data in digital format

That:

In the framework of the ICAO Annex 3 provision related to the IWXXM and to improve the exchange of OPMET data in digital format:

- a) The Secretariat should support the coordinators and members of MET Project 1 to take the appropriate measures and steps to ensure that the AFI IWXXM Implementation Guideline document as contained in Appendix E is finalized and submitted to the APCC and be made available to States not later than 15 January 2021;
- b) States be invited to expedite the development of IWXXM capabilities for exchange of OPMET data in digital format to meet the implementation date in accordance with ICAO Annex 3;
- c) States that have developed capabilities for exchange of OPMET data in digital format are encouraged to enter into bilateral/multilateral agreements for testing of their systems; and
- d) COM Project 2, consider the provision of the AFI AMHS Manual and integrate an appendix focusing on the AMHS Profile for OPMET IWXXM in line with the EUR AMHS Manual.

Draft Conclusion 3/8: Coordination of Regional AAO and IIM Projects

That:

In order to comply with ANS operational requirements:

- a) Each PTC with the support of the Secretariat regularly review the project document, identify and act upon IIM project linkage with AAO Projects and circulate a linkage matrix amongst Projects Teams;
- b) The Projects Teams identify coordination actions to be undertaken in order to prevent duplication and ensure harmonization of the implementation of ASBU modules and threads.

Draft Conclusion 3/9: Funding IIM Projects.

That:

In order to facilitate IIM Project funding:

- a) Projects Teams expedite the finalization of the projects initiation documentation (Description, Organization, Term of Reference, Business case, Plans, questionnaires, projects inter linkage....) and project cost estimation for consideration by the APCC and APIRG;
- b) The APCC review the consolidated package of IIM projects for submission to APIRG; and
- c) The APIRG Chair with the assistance of the Secretariat and AFCAC promote the package of IIM projects to funding organizations.

Draft Decision 3/10: AIM Project 1 activities

That:

In the framework of the conduct of the project, the proposed AIM Project 1 activities with its associated project deliverables for 2021-2023 as contained in Appendix F is adopted for submission to the approval of the APCC.

Draft Conclusion 3/11: Coordination and guidance on the implementation of AIM Go-Team activities in AFI States

That:

For the successful implementation of the activities of the “AIM Go-Team for the AFI Region”;

- a) The Secretariat provides the project with guidance on the implementation of the Go-Team activities in the AFI States and distributes the updated questionnaire for States to respond not later than 31 March 2021;
- b) States, in consideration of the slow progress made in the Region’s effective implementation of QMS in AIM undertake the necessary action not later than 14 January 2021 to expedite this activity through:
 1. Nominating AIM focal point(s) to the PTC and copy to the IIM Secretariat; and
 2. Expressing their willingness to participate in the Regional AIM QMS Go-Teams by providing subject matter experts.

Draft Decision 3/12: Development of IIM Projects Master Plan

That:

In order to facilitate IIM Projects planning implementation and monitoring:

A Project Team Coordinator Core Team (South Africa, Cameroon, Cote d’Ivoire and Uganda) is established with the assistance of the Secretariat under the supervision of Chair and Vice Chair to develop the IIM Projects Master Plan by 31 July 2021; track all the IIM Projects activities and provide quarterly reports.

Draft Conclusion 3/13: Cyber Safety and Resilience of the Air Navigation Systems

That:

In order to increase States/Organizations technical personnel capability in cyber securing ANS systems, ICAO with the collaboration of the industry within the framework of the APIRG mechanism, increase its support in activities aimed at raising awareness of ANS Cyber safety and resilience through webinars/workshops/seminars on Cyber safety and resilience of ANS systems for AFI Region.

Draft Conclusion 3/14: Submission of expert names for the SPEC project

That:

In order to increase the level of representation in the Spectrum Project, States represented in APIRG IIM SG/3 be urged to:

- a) Submit names of experts to form part of the SPEC project; and
- b) Review the draft TOR, Project Description, and Project planning documentation for consideration in the forthcoming SPEC project Virtual meeting to be hosted before 30 November 2020.

Draft Conclusion 3/15: Preparation of ITU WRC-23

That:

In order to promote ICAO Position and ensure the proper protection of aeronautical spectrum, States/Organizations should:

- a) when provided with the ICAO Position for ITU-WRC-23 Agenda Items on aeronautical spectrum requirements, start as soon as possible, the work for the preparation of WRC-23 and,
- b) based on the lessons learnt from the last WRCs, reinforce their collaboration with the sub Regional Association of National Regulators of Telecommunication and work closely with ATU.

Draft Decision 3/16: Adoption of the MET Project 1 and MET Project 2 Terms of Reference and their Projects deliverables for 2021-2022

That:

In order to expedite the work assigned to AFI IIM MET Projects:

- a) The proposed MET Project 1 and MET Project 2 Terms of References and their associated project deliverables are adopted as contained in Appendix G;
- b) In consideration of the ICAO METP/4 Decision 8/1 which calls for the discontinuation of the Manual on the Quality Management System for the Provision of Meteorological Service for International Air Navigation (ICAO Doc 9873), States/Organizations are encouraged to discontinue the use of ICAO Doc 9873 and use WMO No. 1100; and
- c) AFI States and Organizations are encouraged to participate in the annual AFI SIGMET Tests.

Draft Conclusion 3/17: Development of Volcanic Ash Contingency Plans and conduct of Volcanic Ash exercises in the AFI Region

That:

In view of the need for the provision of information to airlines and en-route aircraft before and during a volcanic eruption:

- a) The State Volcano Observatories listed in the AFI eANP Volume I's Table MET I-1 provide their updated contact details to the Secretariat by 29 January 2021 for sharing with the States/Organizations;
- b) States who have not developed volcanic ash contingency plans and conducted Volcanic Ash exercises should do so, using the guidance in the AFI Volcanic Ash Contingency Plan as contained in Appendix H of the AFI Regional ATM Contingency Plan by 30 June 2021; and
- c) ICAO assists in planning and conducting a coordinated regional Volcanic Ash exercise by 31 December 2021.

Draft Conclusion 3/18: Reporting on Air Navigation Deficiencies and operationalization of the AANDD

That:

In order to expedite the operationalization of the AFI Air Navigation Deficiencies Database (AANDD):

- a) States that have not yet appointed their focal points, are encouraged to do so by 30 October 2020;
- b) ICAO endeavors to organize the workshop on Reporting on Air Navigation Deficiencies preferably before 31 December 2020.

Draft Conclusion 3/19: Africa and Indian Ocean Aeronautical Information Management Action Group (AFI AIM AG)

That:

In order to harmonize ongoing initiatives and activities in the area of AIM:

- a) States wishing to participate in the AFI AIM AG:
 - i. Nominate their Representative/s for the AIM AG and the AIM AG Microsoft Teams Collaboration Platform through e-mail to the AIM AG secretariat (kirkman1@iata.org);
 - ii. Actively participate in the activities of the AFI AIM AG; and
- b) The AIM AG supports the AIM Projects under the IIM SG through sharing relevant Group outcomes and recommendations.

Draft Conclusion 3/20: Establishment of a Regional Space Weather Project

That:

- a) An APIRG IIM MET Project 3-Space Weather Project is established within the IIM SG to guide the implementation of the Annex 3 provision relating to Space Weather requirements within the AFI Region;
- b) South Africa, hosting the AFI Regional Space Weather Center through the South African National Space Agency (SANSA), coordinate the APIRG IIM MET Project 3; and
- c) ICAO, after reception of the Project initial document by 31 January 2021, call for nominations of the project team members from interested AFI States/Organizations.

Draft Conclusion 3/21: Development of action plans for the implementation of Space Weather requirements

That:

On the basis of Annex 3 to the ICAO Convention requirements for the provision of space weather services in air navigation plans,

- a) States/Organizations consider the implications of Annex 3 space weather requirements for AFI States' regulatory authorities, ANSPs and operators' operational policies;
- b) The designated Regional Space Weather Center (SANSA) liaise with other relevant national institutions in the AFI region to ensure effective coordination; and

- c) The Secretariat, with the support of the designated Regional Space Weather Centre (SANSA), take appropriate actions to assist States to meet the space weather implementation requirements.

Draft Decision 3/22: Adoption of the Terms of Reference, composition and the work programme of the APIRG IIM SG

That:

The updated Terms of Reference, Composition and Work programme of the IIM SG is adopted as attached in Appendix D.
