



ICAO

**Twenty –Third Meeting of the AFI Planning and Implementation Regional Group
(APIRG/23)
(Virtual meeting, 24-26 November 2020)**

**OUTCOMES OF THE THIRD MEETING OF THE APIRG INFRASTRUCTURE AND
INFORMATION MANAGEMENT SUB-GROUP (APIRG IIM SG/3)**

Summary of Draft Conclusions & Draft Decisions

The IIM/SG3 meeting after deliberation formulated the following Draft Conclusions and Draft Decisions:

Draft Conclusion 23/XX: Implementation of APIRG IIM SG outstanding Draft Conclusions and Draft 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 Draft Conclusions and Draft Decisions of the APIRG IIM SG 2nd and previous meetings.

Draft Conclusion 23/XX: 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 circulate the list of IIM Projects Teams to States/Organizations not later than 16 November 2020.**
- b) **States/Organization members of the APIRG IIM SG:**
 1. **Update the Secretariat and confirm the list of their nominees with their contact details by 29 January 2021**
 2. **Verify the expertise, availability, commitment and participation of their qualified experts**
 3. **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 being conducted before 14 January 2021.**

Draft Conclusion 23/XX: 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 distribute the projects survey questionnaires by 16 November 2020;
- b) States:
 1. Respond to the survey questionnaire before 31 March 2021; and
 2. Continuously take the necessary measures for the effective and active attendance of their experts in the APIRG IIM Projects activities

Draft Conclusion 23/XX: Cooperation and harmonization in planning implementing, operation and monitoring

That;

In order to build sustainable aeronautical infrastructure and information systems, States/Organizations:

- a) Take the appropriate measures and actions aimed at integrating their implementation programme/plans into Regional initiatives promoted by the framework of APIRG projects approach;
- b) Reinforce cooperation and harmonization in planning and speed up implementation, operation and monitoring of interconnected systems.

Draft Conclusion 23/XX: 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, with the support of the coordinators and members of MET Project 1 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 then 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 23/XX: 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 23/XX: IIM Projects Package for Funding

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;
- c) The APIRG Chair with the assistance of the Secretariat and AFCAC promote the package of IIM projects to funding organizations

Draft Conclusion 23/XX: 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 23/XX: 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 23/XX: 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 23/XX: Preparation of ITU WRC-23

That;

In order to promote ICAO Position and ensure the proper protection of aeronautical spectrum, States/Organizations 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, 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 Conclusion 23/XX: 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 in 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 assist in planning and conducting a coordinated regional Volcanic Ash exercise by 31 December 2021.**

Draft Conclusion 23/XX: 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 should endeavor to organize the workshop on Reporting on Air Navigation Deficiencies preferably before 31 December 2020**

Draft Conclusion 23/XX: 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:
 - 1. Nominate their Representative/s for the AIM AG and the AIM AG Microsoft Teams Collaboration Platform through e-mail to the AIM AG secretariat (kirkmanl@iata.org);
 - 2. Actively participate in the activities of the AFI AIM AG;
- b) The AIM AG supports the AIM Projects under the IIM SG through sharing relevant AIM AG outcomes and recommendations

Draft Conclusion 23/XX: 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 23/XX: 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;
- 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