



INTERNATIONAL CIVIL AVIATION ORGANIZATION

Third Meeting of APIRG Infrastructure and Information Management Sub Group (IIM/SG/3)
(Virtual Meeting, 12-14 October 2020)

Agenda Item 3: Review of the outcome of the APIRG/22nd meeting

Conclusions/Decisions of the APIRG/22nd meeting in the area of Aeronautical Meteorology (MET)

(Presented by the Secretariat)

Table with 1 column and 4 rows: SUMMARY, This paper presents the outcome of the APIRG/22 & RASG AFI/5 meetings in the area Aeronautical Meteorology (MET), Action by the meeting is in paragraph 3, REFERENCE(S): Report of the APIRG 22 & RASG AFI 5 meetings, Related ICAO Strategic Objective (s): A: Aviation Safety and B: Capacity & Efficiency, Related ASBU KPIs & B0 Modules: all KPIs applicable to the MET domain

1. INTRODUCTION

1.1 The AFI Planning and Implementation Group's twenty-second meeting (APIRG/22) was held in association with the AFI Regional Aviation Safety Group's fifth meeting (RASG - AFI/5) from 29 July to 2 August 2019 in Accra, Ghana. Participants were from the AFI States, Industry as well as the Regional / International Organizations.

2. DISCUSSION

2.1 The meeting formulated numerous Conclusions and Decisions, some of which were common for a number of air navigation areas. Agenda item 3 of the APIRG/22 meeting noted with concern, the lack of coordination under MET Project 2 which was to be coordinated by Senegal. The meeting formulated the following conclusion:

APIRG/22 Conclusion 22/23: Effective coordination of IIM COM Project 2, AIM Project 3, Spectrum Project and MET Project 2

That;

As a matter of urgency:

- a) Nigeria (coordinator of AIM Project 3 and COM Project 2), Senegal (coordinator of MET Project 2) and Uganda (coordinator of Spectrum Project 1) confirm to the APCC with copy to the Secretariat, their commitment to effectively lead the respective projects teams they were volunteer to coordinate;
b) States willing to coordinate the above projects express their interest to the Secretariat in case the current nominated States may not be willing to continue the coordination.

2.2 As reported in the previous working papers under this Agenda Item, State Letter T 17/6.11 (C)-0726 dated 05 December 2019 was issued by the Secretariat to concerned Administrations. Senegal appointed two experts to take the role of the Project Team Coordinators for MET Project 2. WP04C.2 contains the report of the work of MET Project 2.



2.3 There were no conclusions that were directly concerned with aeronautical meteorology. However, under the same Agenda Item 3, the meeting discussed the dissemination of meteorological information in the ICAO Meteorological Information Exchange Model (IWXXM). The meeting with regard to APIRG's previous conclusions and decisions, urged States and Administrations to develop capabilities for exchange of OPMET data in digital format to meet the implementation date of 05 November 2020 and to enter into bilateral/multilateral agreements for testing the interoperability of AMHS system for readiness by November 2020.

2.4 The Secretariat in response to the IWXXM discussions during the APIRG22 meeting as well as the mentioned previous APIRG conclusions related to IWXXM, conducted a two-day workshop for the AFI Region from 15-16 September 2020. WP04C.1 presented by MET Project 1 provides details of the workshop. Besides the technical details related to IWXXM implementation, the workshop highlighted the importance of the global document adopted by the ICAO MET Panel (METP) in 2016 entitled- "*Guidelines for the Implementation of OPMET Data Exchange using IWXXM*". Each ICAO-Region is to maintain a regional version to cover regional features related to IWXXM. The AFI Region is yet to develop this guideline.

2.5 The Secretariat has developed an initial draft of this document for the AFI Region. Due to the time constraints between the IWXXM Workshop and the IMSG3 meeting, the draft guideline could not be tabled at one of the MET Project 1 meetings. The draft guideline is contained in Appendix A and is entitled, "*Guidelines for the Implementation of OPMET Data Exchange using IWXXM in the AFI Region*". The Secretariat proposes that this guideline be included as part of the tasks and deliverables of MET Project 1 and that possible solutions be discussed to ensure that the guideline adopted and made available to AFI States at the earliest possible convenience.

3. ACTION BY THE MEETING

3.1 The meeting is invited to:

- a) Take note of the information given above;
- b) Note the appointment of the PTC(s) for MET Project 2 by Senegal; and
- c) Agree on a proposal to ensure that the draft AFI IWXXM Guideline document is adopted and made available to States at the earliest possible convenience.

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

That,

- 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 is adopted and made available to States no later than 15-01-2021;**
- 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) **To improve the exchange of OPMET data in digital format, States that have developed capabilities of exchange are encouraged to enter into bilateral/multilateral agreements for testing; and**
- d) **COM Project 2, reviews the AFI AMHS Manual and integrate Appendix H focusing on the AMHS Profile for OPMET IWXXM in line with the EUR AMHS Manual.**

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