



International Civil Aviation Organization

MIDANPIRG/23 & RASG-MID/13 Meetings

(Cairo, Egypt, 14 – 18 June 2026)

Agenda Item 5.8: MET

**ADOPTION OF A COMMON REGIONAL AERONAUTICAL METEOROLOGICAL
COMPETENCY FRAMEWORK FOR THE MID REGION**

(Presented by Saudi Arabia)

SUMMARY

This paper proposes the development and adoption of a common regional competency framework for aeronautical meteorological personnel in the MID Region, aligned with WMO-No. 1205, following the consideration by MET SG/13 of the proposal presented in MET SG/13-WP/10 and the invitation extended to Saudi Arabia to present that proposal to MIDANPIRG.

Action by the meeting is at paragraph 3.

REFERENCE

- Annex 3 — Meteorological Service for International Air Navigation
- Annex 1 — Personnel Licensing
- Doc 9873, Manual on the Quality Management System for the Provision of Meteorological Service for International Air Navigation
- WMO-No. 1083, Manual on the Implementation of Education and Training Standards for Aeronautical Meteorological Personnel
- WMO-No. 1205, Guide to Competency: Aeronautical Meteorological Personnel
- Report of the Thirteenth Meeting of the MIDANPIRG MET Sub-Group (MET SG/13), Cairo, 16–17 December 2025
- MET SG/13-WP/10, Competency Certification (Licensing) Framework for Meteorological Personnel (presented by Saudi Arabia)

1. INTRODUCTION

1.1. The competency of aeronautical meteorological personnel is a foundation of the quality and safety of the meteorological information provided in support of international air navigation. Annex 3 — Meteorological Service for International Air Navigation requires that meteorological service be provided by personnel who are appropriately qualified and competent, and that a competency assessment scheme be maintained as part of the quality management system.

1.2. At MET SG/13, Saudi Arabia presented MET SG/13-WP/10, proposing the establishment of a competency certification framework for meteorological personnel. MET SG/13 invited Saudi Arabia to present the proposal to MIDANPIRG with a view to initiating broader regional discussion. This paper responds to that invitation and proposes the development and adoption of a common regional aeronautical meteorological competency framework for the MID Region.

2. DISCUSSION

2.1. *Background*

2.1.1. Annex 3 requires aeronautical meteorological personnel to demonstrate the competencies relevant to their functions and references the competency standards established by the World Meteorological Organization. WMO-No. 1083 and WMO-No. 1205 set out, respectively, the qualification and the competency requirements for aeronautical meteorological personnel, including aeronautical meteorological forecasters and aeronautical meteorological observers.

2.1.2. While Annex 1 — Personnel Licensing establishes a structured licensing system for several categories of aviation personnel, there is no equivalent licensing requirement for meteorological personnel under the ICAO framework; Annex 3 requires that they be qualified and competent, but does not prescribe a license. Competency assurance for meteorological personnel therefore rests on the competency assessment scheme maintained by each meteorological service provider within its quality management system.

2.2. *Consideration by MET SG/13*

2.2.1. MET SG/13-WP/10 noted that the absence of a harmonized competency-management approach across the MID Region contributes to variability in the qualifications, training and competency assessment of meteorological personnel between States. The paper proposed a structured competency certification framework, aligned with the WMO competency standards and the ICAO competency-based training and assessment approach, as a means of strengthening and harmonizing competency assurance.

2.2.2. MET SG/13 noted broad support among participating States for further consideration of the proposal and agreed that further work would be needed to evaluate its feasibility, scope and implementation options at the regional and global levels. The meeting invited Saudi Arabia to present the proposal to MIDANPIRG, with a view to initiating broader regional discussion, raising awareness among States, and assessing interest in the possible development of regional guidance.

2.3. *A common regional competency framework*

2.3.1. A common regional aeronautical meteorological competency framework would provide MID States with a harmonized reference for the competency assessment of aeronautical meteorological personnel, fully aligned with Annex 3 and the WMO competency standards. It would describe the competencies required of aeronautical meteorological forecasters and observers, the associated performance criteria, and a consistent approach to assess and maintain the competency over time.

2.3.2. Such a framework would support the consistency of competency assurance across the MID Region, facilitate the sharing of training resources and assessment expertise among States, assist States with smaller meteorological services in meeting the WMO qualifications and competencies standards required under Annex 3, §2.1.6, and provide a common regional basis that could, in the longer term, support the mutual recognition of competency assessments between States. This framework would also contribute to the building of AMET capabilities in favor of the deployment and implementation of ASBU AMET thread and elements described under the ICAO GANP technical and performance frameworks.

2.3.3. The development of an AMET regional competency framework can be undertaken by the MET Sub-Group, drawing on the WMO competency standards, the practices of civil aviation authorities and meteorological service providers, and the proposal presented in MET SG/13-WP/10. The framework would be developed as regional guidance material, for the use of MID States, without prejudice to the ICAO provisions in force.

2.3.4. Based on the above discussion and argumentation, the following draft conclusion is proposed.

MIDANPIRG DRAFT CONCLUSION 23/XX: COMMON REGIONAL AERONAUTICAL METEOROLOGICAL COMPETENCY FRAMEWORK

That, to strengthen and harmonize the competency assurance of aeronautical meteorological personnel in the MID Region:

- a) *the MET Sub-Group develops a common regional aeronautical meteorological competency framework, aligned with Annex 3 and with WMO-No.1205, and the practices of civil aviation authorities and meteorological service providers;*
- b) *the framework be developed as regional guidance material supporting the competency assessment of aeronautical meteorological personnel by MID States, without prejudice to the ICAO provisions in force; and*
- c) *MID States are invited to contribute to the development of the framework and to share best practices and training resources in the competency assurance of aeronautical meteorological personnel.*

3. ACTION BY THE MEETING

3.1. The meeting is invited to:

- a) note the consideration by MET SG/13 of the proposal presented in MET SG/13-WP/10, and the invitation extended to Saudi Arabia to present the proposal to MIDANPIRG;
- b) support the development of a common regional aeronautical meteorological competency framework for the MID Region; and
- c) discuss and adopt the Draft Conclusion at paragraph 2.3.4.