



ICAO

*International Civil Aviation Organization***WORKING PAPER (WP/05)****ASIA AND PACIFIC (APAC) FIFTEENTH MEETING
OF THE METEOROLOGICAL REQUIREMENTS
WORKING GROUP (MET/R WG/15)**

Bangkok, Thailand, 7 to 10 April 2026

Agenda Item 3: Collaboration between MET and ATM stakeholders**STRENGTHENING MET–ATM COLLABORATION: PROPOSAL FOR A JOINT
MET/ATM SEMINAR IN 2027**

(Presented by the Secretariat)

SUMMARY

This paper proposes that the Joint Plenary Session of MET/R WG/15 and ATFM & A-CDM/SG/16 agree to conduct a MET/ATM Seminar in conjunction with their next meetings in 2027. The purpose is to strengthen collaboration between meteorology and ATM communities by providing a structured forum to share developments, operational experiences, and user needs. The proposal builds on the success of previous seminars and joint plenaries and recommends establishing a small joint task group to develop the seminar's objectives, content, and format, including online participation, in support of agreed APAC work plan deliverables.

1. INTRODUCTION

1.1 The ICAO Asia and Pacific (APAC) Office hosted the Fourteenth Meeting of the Meteorological Requirements Working Group (MET/R WG/14) from 28 April to 2 May 2025, in conjunction with the Fifteenth Meeting of the APAC Air Traffic Flow Management Steering Group (ATFM/SG/15). These events included the ICAO APAC Seminar on Meteorology and Air Traffic Management (MET/ATM Seminar) on 28 April 2025 and a joint plenary session on 30 April 2025.

1.2 The MET/ATM Seminar attracted strong engagement, with 162 in-person and 73 online participants, 13 presentations, and active discussion. The Seminar and joint plenary reinforced the close operational dependency between MET services, ATFM, A-CDM, and airspace users, and highlighted the value of structured dialogue between the meteorology and ATM communities.

1.3 A similar format was used successfully in 2024 at MET/R WG/13 and ATFM/SG/14. However, due to competing priorities, a joint Seminar was deferred in 2026. This paper proposes that the Joint Plenary Session of MET/R WG/15 and ATFM & A-CDM/SG/16 agree to conduct a MET/ATM Seminar in conjunction with their next meetings in 2027 and establish a small task group to develop the seminar plan, objectives, and content.

2. DISCUSSION

Current Situation – Pros and Cons

2.1 Past MET/ATM Seminars and joint plenary sessions have demonstrated clear benefits. They provide a dedicated forum for MET, ATM, ATFM, A-CDM, and users to exchange operational perspectives, share case studies, and align expectations. They also directly support MET/R WG deliverables, including strengthening MET–ATM collaboration, developing regional guidance for tailored MET information, and gathering user input for SWIM-based MET services.

2.2 However, seminars require additional planning effort, time within an already crowded meeting schedule, and coordination across groups. If not well structured, discussion time may be limited and some issues may not be fully addressed.

Rationale for the Proposal

2.3 Deferring a seminar indefinitely risks weakening cross-domain understanding at a time when MET-ATM integration is becoming more complex, including the increased use of impact-based information, probabilistic products, SWIM, and data-driven ATFM and A-CDM decision-making.

2.4 Planning a MET/ATM Seminar for 2027, with clear objectives and early preparation, allows sufficient time to address past challenges. Establishing a small task group drawn from MET/R WG and ATFM & A-CDM/SG will help ensure the seminar is focused, balanced, and aligned with agreed regional priorities, while managing workload and avoiding duplication.

2.5 Overall, the benefits of improved coordination, shared understanding, and more effective implementation of MET-ATM concepts outweigh the logistical and resource challenges.

Conclusions and Next Steps

2.6 A MET/ATM Seminar in 2027, held in conjunction with MET/R WG and ATFM & A-CDM/SG meetings, would provide a timely and structured opportunity to advance MET-ATM integration in the APAC region. Early agreement in principle, coupled with tasking a small planning group, will enable efficient preparation and maximize the value of the Seminar.

3. ACTION BY THE MEETING

3.1 The meeting is invited to:

- a) **note** the information contained in this paper; and
- b) **agree** that a MET/ATM Seminar be conducted in conjunction with the next meetings of the MET/R WG and ATFM & A-CDM/SG in 2027; and
- c) **establish** a small joint task group from MET/R WG and ATFM & A-CDM/SG to develop the seminar objectives, content, format (including online participation), and an indicative agenda, for reporting to both groups; and
- d) **request** the task group to ensure the Seminar supports approved work plan deliverables, reflects lessons learned from previous MET/ATM Seminars, and addresses MET, ATFM, A-CDM, and airspace user priorities.