

International Civil Aviation Organization

WORKING PAPER (WP/10)



ICAO

**ICAO ASIA AND PACIFIC (APAC) FIFTEENTH
MEETING OF THE METEOROLOGICAL
REQUIREMENTS WORKING GROUP
(MET/R WG/15)**

Bangkok, Thailand, 07 April to 10 April 2026

Agenda Item 3: Collaboration between MET and ATM stakeholders

**FOLLOW-UP ON THE SURVEY OF STATE MET INFORMATION SUPPORTING ATM
AND DEVELOPMENT OF FUTURE ACTIVITIES**

(Presented by MET/R WG Ad hoc group)

SUMMARY

This paper provides an update on follow-up activities related to the 2021 ICAO APAC Regional Survey on Meteorological (MET) information supporting Air Traffic Management (ATM), including outcomes from MET/R WG/14, MET SG/29, and ATM/SG/13.

While the refined survey report has been approved for publication, further discussion is required to determine the scope, objectives, and potential benefits of conducting a future survey.

In this regard, the paper proposes further development of the follow-up survey to be deferred pending additional discussion at the MET/ATM joint plenary session, noting that any future survey would benefit from active participation of both MET and ATM communities in its design.

1. INTRODUCTION

1.1 In late 2021, ICAO APAC conducted a regional survey to assess the provision of MET information services supporting ATM and ATFM across APAC States/Administrations.

1.2 The survey outcomes were reviewed by the joint plenary of MET/R WG/13 and ATFM SG/14, and subsequently by MET SG/28, which requested:

- refinement of the survey report, including consideration of data sensitivity and intended use (Action 28/23);
- assessment of the value and lessons learned from the survey (Action 28/24); and
- communication of the survey outcomes to the ATM community (Action 28/25).

1.3 MET/R WG/14 considered these actions and adopted **Decision MET/R WG 14-03**, requesting the ad hoc group to:

- a) finalise and publish the refined 2021 survey report;
- b) develop a draft framework for a possible future survey; and
- c) support communication of the survey outcomes to ATM SG.

1.4 MET SG/29 reviewed progress and adopted **Decision MET SG/29/13**, approving

publication of the refined survey report on the ICAO APAC eDocuments website.

1.5 An Information Paper was also presented to ATM/SG/13 to inform the ATM community of the survey outcomes and potential future activities.

1.6 This paper provides an update on the current status and proposes the next steps for consideration by MET/R WG/15.

2. DISCUSSION

Status of the 2021 Survey Report

2.1 Following MET SG/29, the refined report *2021 Survey of State Meteorological Information Supporting Air Traffic Management* has been approved for publication on the ICAO APAC eDocuments website.

2.2 The report provides a useful reference on the status of MET-ATM integration in the region and highlights the importance of timely MET information, improved system integration, and closer coordination between MET and ATM stakeholders.

Consideration of future survey activities

2.3 In accordance with MET SG/28 Action 28/24, the ad hoc group initiated consideration of lessons learned from the 2021 survey and the potential value of conducting a follow-up survey.

2.4 Initial discussions at MET/R WG/14 and MET SG/29 indicated that while the 2021 survey was useful, further clarification is required regarding the objectives, scope, and expected outcomes of any future survey.

2.5 The outcomes of the 2021 survey were shared with ATM/SG/13, however, limited input has been received so far regarding future survey requirements or priorities.

2.6 Additional discussion involving both MET and ATM communities would therefore be beneficial before proceeding with the development of a new survey.

Importance of MET-ATM coordination

2.7 Previous discussions noted that any future survey on MET information supporting ATM should be developed jointly by MET and ATM stakeholders.

2.8 Input from ATM and ATFM experts would assist in:

- identifying operational needs;
- defining relevant survey questions;
- ensuring alignment with ATM and ATFM planning and decision-making activities; and
- supporting regional initiatives such as SWIM, CDM and MET-ATM integration.

2.9 The meeting at MET/R WG/14 encouraged participation from ATM/ATFM representatives to participate in the ad hoc group; however, further coordination may be required to ensure broad engagement.

2.10 Active involvement from both communities would help ensure that any future survey delivers practical and operationally relevant outcomes.

Proposed way forward

2.11 In view of the above, the ad hoc group considers that further development of a follow-up survey may be deferred until there is clearer agreement on its purpose and expected benefits.

2.12 It is proposed that the need for a future survey, including its objectives, scope, and expected outcomes, be discussed at the joint MET/ATM plenary session, where both communities are represented.

2.13 Subject to the outcome of that discussion, a future survey could be developed by an ad hoc group with participation from both MET and ATM stakeholders.

2.14 This approach would help ensure that any future survey is aligned with regional priorities and supported by the relevant operational communities.

2.15 In view of the above, the MET/R WG/15 is requested to consider the following Decision:

Decision MET/R WG 15–XX: Future activities related to the Survey of State MET Information Supporting ATM	
What: That, the MET/R WG: a) note that the refined report 2021 Survey of State Meteorological Information Supporting Air Traffic Management has been approved for publication following MET SG/29; b) agree to place further development of a follow-up regional survey on hold, pending clarification of its operational value and scope; c) agree that the need for, and approach to, any future survey should be discussed jointly in MET/ATM plenary session to ensure alignment with operational priorities; and d) agree that, should a future survey be undertaken, participation from both MET and ATM stakeholders, including ATFM representatives, will be required in an ad hoc group to support the design and development of the survey.	Expected impact: Ops/Technical
Why: The 2021 survey provided useful regional information on MET support to ATM. Before initiating further survey activities, additional discussion is required to confirm the operational need, define the scope, and ensure alignment with current regional priorities, including MET-ATM integration, SWIM, and ATFM. Discussion at a joint MET/ATM plenary session will allow both communities to provide input and ensure that any future survey is developed collaboratively and delivers practical benefits.	Follow-up:
When: 10 April 2026	Status: Adopted by MET/R WG
Who: Sub groups, ICAO APAC RO	

3. ACTION BY THE MEETING

3.1 The meeting is invited to:

- a) note the information contained in this paper;
- b) consider adopting the proposed Decision in paragraph 2.15.
