

**ICAO***International Civil Aviation Organization***WORKING PAPER****Asia and Pacific (APAC)
Eleventh Meeting of the Meteorological Requirements
Working Group (MET/R WG/11)**

Online, 31 May to 03 June 2022

Agenda Item 4: Collaboration between MET services and ATM stakeholders**SURVEY OF STATE METEOROLOGICAL INFORMATION SUPPORTING AIR TRAFFIC
MANAGEMENT**

(Presented by Australia on behalf of the Ad-hoc Group)

SUMMARY

This paper presents an update on the survey, that was conducted recently, on the provision of current and future meteorological (MET) information services by States to support Air Traffic Management (ATM), in particular Air Traffic Flow Management (ATFM).

1. INTRODUCTION

1.1 The Tenth Meeting of the Meteorological Requirements Working Group (MET/R WG/10), 24 – 28 May 2021, approved and made a decision to circulate a survey questionnaire to APAC States to inform ICAO (and States) of the provision of current and future meteorological (MET) information services by States specifically to support Air Traffic Management (ATM), in particular Air Traffic Flow Management (ATFM).

1.2 As a follow up, a survey was conducted by the Asia/Pacific Regional Office in October/December 2021. The States were urged to complete the online survey questionnaire at: <https://www.surveymonkey.com/r/5XLX97H>. For ease of reference, a copy of the survey questionnaire was attached to the State letter. (State letter Ref.: T 4/3.2.7 – AP170/21 (MET) refers).

2. DISCUSSIONSurvey Questionnaire

2.1 The survey asked several questions to solicit input from the MET and ATM communities and Airspace Users in the APAC Region with the following terms of reference regarding the initiative and objective of the survey:

- To identify current and future meteorological requirements, in terms of the provision of MET information and communication methods, to support ATM;
- To identify the types and importance of MET information for ATM;

- To identify the gaps between the existing MET information services and the requirements of ATM community and Airspace Users;
- To identify challenges faced by States/Administrations regarding the provision of MET information to support ATM, in particular ATFM;
- To identify other guidance and education material required to support States/Administrations in implementing MET information to support ATFM; and
- To remind States/Administrations of the existence of Asia Pacific Regional Guidance for Tailored Meteorological Information and Services to Support ATM Operations document.

2.2 The survey results are expected to assist MET/R WG with the following tasks:

- Understand States/Administration current status and requirements of MET information to support ATM, in particular ATFM;
- Explore opportunities and enhance MET-ATM integration in APAC States/Administrations;
- Facilitate a coordinated approach for further improvement of MET services in support of ATM, especially ATFM in the APAC Region; and
- Seek further input from States/Administrations on other guidance or education material required to assist the implementation of MET information service to support ATFM.

2.3 To collect input from BOTH the MET and ATM communities in the APAC Region, each State/Administration were requested to provide at least **2 separate survey returns**, one from each of the MET and ATM communities.

2.4 State/Administrations were also encouraged to invite additional survey returns from their State-based Airspace Users such as airlines, for some of the specific questions indicated in the Questionnaire.

2.5 The survey closed on 15 December 2021.

Next Steps

2.6 A preliminary analysis and report are expected to be presented at the ICAO APAC Webinar session on Meteorology and Air Traffic Management (MET/ATM Webinar).

3. ACTION BY THE MEETING

- 3.1 The meeting is invited to:
- a. note the information contained in this paper
