



ICAO

International Civil Aviation Organization

Eleventh Meeting of the Asia/Pacific Air Traffic Flow Management Steering Group (ATFM/SG/11)

Video Teleconference, 02 – 06 August 2021

Agenda Item 5: Regional ATFM Framework and Guidance Material

SURVEY OF STATE METEOROLOGICAL INFORMATION SUPPORTING AIR TRAFFIC MANAGEMENT

(Presented by the Chair of the ICAO APAC MET/R WG)

SUMMARY

This paper presents an update on the survey for 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 As a follow-up to APANPIRG Conclusion 26/57 and a proposal by APANPIRG/28 for a future extension of the survey, the 7th meeting of MET SG Meteorological Requirements Working Group (MET/R WG/7) recognised that, since the previous survey (in 2015), a number of States have made significant progress in providing MET information to support ATM. The meeting noted that the MET/R WG would consider conducting a similar survey in the future based on the need for additional information to support the other major deliverables of the MET/R WG, such as MET/ATM seminar and the development of regional guidance.

1.2 At the 8th meeting of MET/R WG, a draft survey on the provision of current and future meteorological (MET) information services by States specifically to support Air Traffic Management (ATM), was presented.

1.3 Following this, the ad-hoc group reviewed the questions and presented a paper to MET SG/23 in June 2019. However, the MET SG identified that the survey was premature to adopt in its current form for distribution to States and therefore requested the MET/R WG ad-hoc group to continue to develop the survey questionnaire based on feedback from the meeting, including developing clearer terms of reference for the initiative and ensuring alignment with the scope of work of the MET/R WG (refer MET SG/23 ACTION/TASK: 23/13 below).

1.4 Based on the feedback received from the MET SG/23, the ad-hoc group of the MET/R WG revised the proposed terms of reference and draft questionnaire of the survey of current and future MET information services provided by States to support ATM and, in particular, ATFM. The Ad-hoc group presented the revised survey questionnaire, including the proposed terms of reference and benefits, at the 10th meeting of Air Traffic Flow Management Steering Group (ATFM/SG/10) and the 9th meeting of Meteorological Requirements Working Group (MET/R WG/9).

1.5 Both the ATFM/SG/10 and the MET/R WG/9 meetings endorsed the proposed terms of reference and the revised survey questionnaire subject to a few suggested changes required by both meetings to improve the survey questionnaire. Furthermore, the MET/R WG/9 meeting considered it would be beneficial for the ad-hoc group to conduct a short trial-run of the survey questionnaire before presenting it to MET SG/24 for final endorsement and conducting the Regional survey.

1.6 In view of the above, the meeting agreed to the proposal and formulated the following Draft Conclusion:

Draft Conclusion MET/R WG/9/2 – Survey of State Meteorological Information Supporting Air Traffic Management:

That, the MET SG approve the proposed terms of reference (ToR) and the survey questionnaire and inform ATM SG/7 (in August 2020) and then circulate the survey questionnaire for States to respond in October/November 2020 or at an appropriate time.

2. DISCUSSION

Activities undertaken since MET/R WG/9 and review of proposed survey questionnaire by MET/SG/24

2.1 The ad-hoc group of MET/R WG reviewed the questionnaire, based on the Draft Conclusion of MET/R WG/9/2, and conducted a short trial run with a few representatives from the MET and ATM communities as well as select Airspace Users.

2.2 Final adjustments were made to the survey questionnaire based on the feedback received from a limited, preliminary trial-run of the survey on a limited selection of MET, ATM and Airspace Users and a copy of the revised draft survey questionnaire was presented to MET/SG/24 for endorsement.

2.3 The MET/SG/24 meeting approved the proposed terms of reference and the survey questionnaire by adopting the following Conclusion:

Conclusion MET SG/24-03: Survey of State Meteorological Information Supporting Air Traffic Management

That, the MET SG approve the proposed terms of reference and the survey questionnaire and inform ATM SG/8 in November 2020 and then circulate the survey questionnaire for States to respond in early 2021.

2.4 A copy of the final version of the survey on the provision of current and future meteorological (MET) information services by States to support Air Traffic Management (ATM) was presented to MET/R WG/10 and is provided in **Attachment A** to this paper.

2.5 It was proposed that a copy of the survey will be first distributed to the States via the ICAO State Letter in a PDF (Portable Document Format), with the survey being conducted via an online survey tool to make it easier for States to respond.

2.6 To collect the views of different communities within the APAC Region, each State/Administration would be requested to provide at least 2 separate survey returns from 2 different groups of stakeholders, i.e, MET and ATM, and will be encouraged to invite additional survey returns from Airspace Users.

2.7 The MET/R WG/10 agreed to circulate the survey questionnaire to States to respond in August 2021 and adopted the following Decision:

Decision MET/R WG/10/x: Survey of State Meteorological Information Supporting AirTraffic Management

That, the MET/R WG approves circulation of the survey questionnaire (at Attachment A) for responses from APAC States in August 2021.

3. ACTION BY THE MEETING

3.1 The meeting is invited to:

- a) note the information contained in this paper; and
- b) participate in completing the survey questionnaire.

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