

International Civil Aviation Organization

ICAO

WORKING PAPER**ASIA AND PACIFIC (APAC)****Twelfth Meeting of the Meteorological Requirements Working Group (MET/R WG/12)**

Bangkok, Thailand, 02 to 05 May 2023

Agenda Item 3: Review of follow-up from previous meetings**RELEVANT OUTCOMES FROM ATFM/SG/13**

(Presented by the Secretariat)

SUMMARY

This paper presents the relevant outcomes from the Thirteenth meeting of the Air Traffic Flow Management Steering Group (ATFM/SG/13) and its Meteorological-related working papers.

1. INTRODUCTION

1.1 The Thirteenth Meeting of Air Traffic Flow Management Steering Group (ATFM/SG/13) was held in Bangkok, Thailand from 03 to 07 April 2023 with 104 participants from 17 Administrations, and four International Organizations.

1.2 The APANPIRG/32 meeting (1-3 December 2021) agreed to the Decisions, as proposed by the ATM/SG/9 and AOP/SG/5, to include A-CDM matters to be discussed at ATFM/SG.

- *Decision APANPIRG/32/1 (AOP/SG/5-4): Dissolution of the APA-CDM/TF*
- *Decision APANPIRG/32-4: Revised ATFM/SG Terms of Reference*

2. DISCUSSION

2.1 There were four working papers which related to MET and Chair of MET/R also presented a presentation on User Requirements for SWIM-Based MET Information Services Supporting ATFM. The meeting materials are available on the ICAO APAC Office website at: <https://www.icao.int/APAC/Meetings/Pages/2023-ATFM-SG-13.aspx>

- Updates from MET/R WG
- The CANSO Air Traffic Flow Management (ATFM) Data Exchange Network for Cooperative Excellence (CADENCE)
- NARAHG Update
- Diurnal Wind Variation Study for Runway Capacity Optimization at Hong Kong International Airport

Updates from MET/R WG

2.2 The Chair of the Meteorological Requirements Working Group (MET/R WG) presented

updates related to the Group, including information on the MET/ATM survey, an updated MET/ATM regional guidance document, education on the ICAO space weather advisory service and user requirements for System-Wide Information Management (SWIM)-based MET information services supporting ATFM.

2.3 The meeting was informed that the proposed ICAO APAC Webinar on the Space Weather Advisory Information Services was postponed to a date to be confirmed in 2023.

2.4 MET/R WG designated an ad hoc group to identify and document use cases and user requirements for SWIM-based MET information services supporting ATFM in the APAC region. The meeting was informed that MET experts in the ad hoc group would consult ATFM experts to understand better the APAC ATFM operations and supplement the use cases with detailed information.

2.5 The meeting agreed to include contributing to the MET/R-WG on further refining SWIM-based MET information service scenarios and developing other scenarios as an action item for the group.

Other MET-related WPs

2.6 The meeting was informed of the CANSO Air Traffic Flow Management (ATFM) Data Exchange Network for Cooperative Excellence Task Force (CADENCE TF), created to support regional ATFM and Collaborative Decision Making (CDM) among Caribbean and Latin American States, including contingency arrangement such as hurricanes and volcanic eruption.

2.7 The meeting was informed of the trial operational procedure for typhoon detour flights conducted during September 2022. The paper noted that from 04 – 06 September, during typhoon Hinnamnor, the procedure for typhoon detour flights was applied to 172 flights bound for Southeast Asia departing from ROK. China, Japan, and ROK regularly shared FPLs for each detour route. It was observed that the overall delay was 50% shorter than before.

2.8 The meeting was informed of the runway capacity optimization efforts and its tangible benefits achieved through collaboration between the Air Navigation Service Provider (Hong Kong Civil Aviation Department) and the Meteorological Agency (Hong Kong Observatory) in Hong Kong China.

ATFM/SG/13 – Action Items related to the MET/R WG

2.9 The action items related to the MET/R WG recorded in the Report of ATFM/SG/13 are as below.

- 13/7 Update MET/R WG ad-hoc group member list (ATFM experts)
- 13/8 Provide feedback and additional use cases for *APAC User Requirements for SWIM-based MET Information Services Supporting ATFM* to MET R/WG ad-hoc group

Date and Venue of the Next Meeting (ATFM/SG/14)

2.10 The meeting also discussed the possibility of holding the ATFM/SG meeting in conjunction with MET/R WG meetings in the future for better synergy. The next meeting of ATFM/SG was tentatively planned to be held in April or May 2024 in conjunction with MET/R WG to organize a joint plenary session and MET/ATM seminar. Other related meetings' schedules, such as SWIM/TF, needed to be taken into account to fix the date.

3. ACTION BY THE MEETING

3.1 This paper invites the meeting to:

- a) note the information contained in this paper;
- b) discuss further collaboration with ATFM/SG;
- c) discuss the proposal of MET/R WG/13 to be held in conjunction with ATFM/SG/14;
and
- d) discuss any relevant matters as appropriate.
