



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

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## **Agenda Item 2: Review Outcomes of Related Meetings**

### **RELATED MEETINGS OUTCOMES**

(Presented by the Secretariat)

#### **SUMMARY**

This paper presents Air Traffic Flow Management (ATFM)-related outcomes of meetings conducted by the relevant contributory bodies of the Asia/Pacific Air Navigation Planning and Implementation Regional Group (APANPIRG).

## **1. INTRODUCTION**

1.1 The Fifth Meeting of the Surveillance Implementation Coordination Group (SURICG/5) was held from 22 to 24 September 2020.

1.2 The Fourth Meeting of the Asia/Pacific SWIM Task Force (SWIM TF/4) was held from 03 to 06 November 2020.

1.3 The Eighth Meeting of the Air Traffic Management Sub-Group (ATM/SG/8) was held from 23 to 27 November 2020.

1.4 The Twenty-Fourth Meeting of the Communications, Navigation and Surveillance Sub-Group (CNS SG/24) was held from 30 November to 04 December 2020.

1.5 The MET/ATM Webinar and Tenth Meeting of the Meteorological Requirements Working Group (MET R/WG/10) were from 24 to 28 May 2021.

1.6 Relevant outcomes from the Sixth Meeting of the Asia/Pacific Airport Collaborative Decision-Making (A-CDM) Task Force (APA-CDM/TF/6, 28 to 30 April 2021) and the Fifth Meeting of the Aerodromes Operations and Planning Sub-Group (AOP/SG/5, 29 June to 02 July 2021) are separately reported in WP/03.

## 2. DISCUSSION

### SURICG/5

2.1 The SURICG/5 meeting was informed of the development by Hong Kong China of an in-house system for displaying long-range air traffic surveillance tracks up to 4000 km from the Hong Kong International Airport. The system was designed to enhance the situational awareness of flow managers and assist in ATFM decision-making. It was currently being used by the Hong Kong ATFMU to assess the overall impacts of flow restrictions imposed in other airspaces.

2.2 The long-range surveillance display system was based on terrestrial ADS-B data. Space-based ADS-B data was planned to be integrated into the system to strengthen coverage by early 2021.

### SWIM TF/4

2.3 The SWIM/TF/4 meeting was informed of the development by China of a draft Flight Information Exchange Model (FIXM) extension based upon the Asia/Pacific FIXM Version 4.1 Extension. The extension under development by China, (at the time of the SWIM/TF/4 meeting (*FIXM ATMB ATFM Extension version 0.1*)) was intended to identify additional data attributes for exchange among domestic stakeholders, and to support ATFM/A-CDM integration.

2.4 In this regard, the meeting is reminded that the regionally agreed Asia/Pacific FIXM Version 4.1 Extension, approved by APANPIRG 30 (2019) under *Conclusion APANPIRG/30/12 (CNS SG/23/6-SWIM TF/3/4)* is available on the ICAO Asia/Pacific eDocuments web-page, and on the FIXM website at <https://fixm.aero/>.

2.5 A more comprehensive report of SWIM TF outcomes is provided in IP/02.

### ATM/SG/8

2.6 The ATM/SG/8 meeting agreed to the following Conclusion, drafted by ATFM/SG/10:

#### ***Conclusion ATM/SG/8-1: ATFM Post-Operations Analysis Recommended Framework***

*That:*

- 1. The ATFM Post-Operations Analysis Recommended Framework Version 1.0 at ATM/SG/8 WP11 Attachment 2 be uploaded to the ICAO Asia/Pacific Regional Office eDocuments web-page, to replace the existing working draft version; and*
- 2. States are urged to utilize the guidance provided in the document when implementing ATFM post-operations analysis in accordance with the performance expectations of the Regional Framework for Collaborative ATFM.*

2.7 The ATFM Post-Operations Analysis Recommended Framework Version 1.0 is available on the ICAO Asia/Pacific Regional Office eDocuments web-page (ATM section, ATFM sub-section) at:

<https://www.icao.int/APAC/Pages/eDocs.aspx>

### CNS SG/24

2.8 ATFM/SG/10 had agreed to a proposed amendment to the AFTN/AMHS-based ATFM Interface Control Document (ICD), which had previously been adopted by the CNS SG/23 meeting in 2019.

2.9 Subsequent to the ATFM/SG/10 meeting the Secretariat had conducted a further editorial review of the ICD in consultation with the ATFM/SG/10 Chair and the Asia/Pacific Multi-Nodal ATFM Collaboration (AMNAC) Technical Sub-Group. CNS SG/24 adopted the following Conclusion, initially drafted by ATFM/SG/10 and endorsed by the Seventh Meeting of the Aeronautical Communication Services Implementation Coordination Group (ACSICG/7, 21 to 23 July 2020):

***Conclusion CNS SG/24/3(ACSICG/7-2 (ATFM/SG/10-3)) - Amendment of the AFTN/AMHSbased Interface Control Document (ICD) for ATFM***

*That, the AFTN/AMHS-based Interface Control Document for ATFM Version 2.0 provided in **Appendix E to the CNS SG/24 Report** be adopted and posted on the ICAO Asia/Pacific Regional Office website to supersede the existing version, for use by Asia/Pacific Administrations in implementing cross-border ATFM communications in accordance with the provisions of the Regional Framework for collaborative ATFM.*

2.10 The AFTN/AMHS-based Interface Control Document for ATFM Version 2.0 is available on the ICAO Asia/Pacific Region eDocuments web-page (CNS section, AFS sub-section).

MET/ATM Webinar and MET/R WG/10

2.11 The MET/R WG/10 meeting reviewed proposed updates to the APAC Regional Guidance for Tailored Meteorological Information and Services to Support ATM Operations, and formulated the following Draft Conclusion for consideration by the Twenty-Fifth Meeting of the Meteorology Sub-Group (MET SG/25), now scheduled for 18 – 22 October 2021:

***Draft Conclusion MET/R WG/10/x: Update on Regional Guidance for Tailored Meteorological Information and Services to Support ATM Operations***

That, the MET SG approves the updates to the APAC Regional Guidance for Tailored Meteorological Information and Services to Support Air Traffic Management Operations, for use by States, including the proposed updates to the format for the Appendices (1 and 2), the document maintenance procedure and the format for publishing the guidance on the ICAO APAC Office Website

2.12 The meeting is invited to note that the update to the regional guidance document may require further offline review. A new action item supporting this may be need to be added to the ATFM/SG Task List.

2.13 Other outcomes of the MET/R WG/10 meeting are discussed separately under **Agenda Item 5, WPs 16 and 17.**

**3. ACTION BY THE MEETING**

3.1 The meeting is invited to:

- a) note the information contained in this paper; and
- b) discuss any relevant matters as appropriate.

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