



ICAO

International Civil Aviation Organization

Twenty – First Meeting of the ICAO Aeronautical Information Services – Aeronautical Information Management Implementation Task Force (AAITF/21)

Bangkok, Thailand, 19 – 22 May 2026

## Agenda Item 6: Any Other Business

### FURTHER DISCUSSION ON AERODROME-RELATED MESSAGES FOR THE APAC COMMON SWIM AERONAUTICAL INFORMATION SERVICES

(Presented by Secretariat)

#### SUMMARY

The APAC Common SWIM Aeronautical Information Services Ad Hoc Group continued discussions on aerodrome-related messages included in the initial set of APAC Common SWIM Aeronautical Information Services endorsed by APANPIRG/36. While these messages had previously been examined from the AIM perspective, further discussions involving aerodrome SMEs were initiated to address aerodrome operational considerations. The outcomes of these discussions are planned to be reported to the ATM/SG and AOP/SG meetings in August 2026 to support timely SWIM implementation and regional coordination.

## 1. INTRODUCTION

1.1 At the Nineteenth Meeting of the ICAO Aeronautical Information Services – Aeronautical Information Management Implementation Task Force (AAITF/19), the topic of APAC Common SWIM Information Services was discussed. Recognizing the need for further discussion, the meeting agreed to establish an Ad Hoc Group to examine both the technical and operational aspects of the subject..

#### ***Decision AAITF/19-3: Establish APAC Common SWIM Aeronautical Information Services Ad hoc Group***

1.2 Subject matter experts from various States, Administrations, and International Organizations were nominated to the Ad Hoc Group, including representatives from Australia, Indonesia, Japan, Singapore, Thailand, the United States, IATA, IFAIMA, and ICAO. In addition, given that the discussions encompassed aerodrome-related information, the Aerodrome Operations and Planning Sub-Group (AOP/SG) nominated an expert from India to support the work of the Group.

1.3 In 2025, the Ad Hoc Group convened five meetings to review and discuss the message sets proposed by the SWIM TF. As a result of these deliberations, the Group reached consensus on the initial set of APAC Common SWIM Aeronautical Information Services.

1.4 Subsequently, the initial set was discussed and agreed upon at AAITF/20. It was then reported to the APSAR/WG, ATM/SG, and the SWIM TF, and was ultimately endorsed at APANPIRG/36.

1.5

## 2. DISCUSSION

2.1 The initial set included aerodrome-related messages. In this regard, the Secretary of the AOP/SG, Regional Officer, AGA, indicated the need for further discussions involving aerodrome subject matter experts (SMEs). The following provides an overview of the matter.

Business functionality of the information service	Brief description of the service	Type of information to be exchanged	Information exchange model / Message type	Message exchange pattern	Priority (1) / (2) / (3)
APAC Common SWIM Aeronautical Information Services					
Aerodrome feature service	Provides information on current and/or planned airport layout features, aerodrome facilities, services and equipment such as including aerodrome mapping data, runway, taxiway, passenger and cargo facilities.	Runways, movement areas, Aerodrome data, facilities, services & equipment, nav aids, instrument landing systems, Aerodrome location, communication facilities (frequencies) (Remarks – Other data/information published in the AIP may be included)	AIXM	Pub/Sub or Req Reply	2
Runway Surface Condition Report service	Provides runway surface conditions code for each runway third and contaminants (least to most slippery) that are directly correlated to aircraft take-off and landing performance. (aeroplane braking action on runway) and aircraft take-off performance (aeroplane braking deceleration).	Global Reporting Format (GRF) for runway surface conditions Runway condition report to the pilot via ATC or ATIS Pilot report of runway braking action via ATC to Aerodrome Operator	AIXM	Pub/Sub or Req Reply	2

2.2 As noted above, these messages had already been discussed within the Ad Hoc Group from the AIM perspective. The present discussions are intended to examine them from the standpoint of aerodrome SMEs. In this regard, an Ad Hoc Group meeting was convened on 19 May 2026.

2.3 The proposed amendments relating to aerodrome matters will continue to be discussed within the Ad Hoc Group, with the intention of reporting the outcomes to the ATM/SG and AOP/SG meetings scheduled for August 2026. While this approach would ordinarily result in the loss of an opportunity for discussion at the AAITF level, it is proposed that comments from AAITF members be invited by email prior to the submission of Working Papers to the ATM/SG and AOP/SG. Thereafter, the AOP/SG will report on the proposal to SWIM TF for further discussion. This approach would facilitate timely coordination with SWIM TF and help avoid delays in SWIM-related implementation activities.

## 3. ACTION BY THE MEETING

3.1 The meeting is invited to:

- a) note the ongoing discussions within the Ad Hoc Group on the proposed aerodrome-related amendments to the APAC Common SWIM Aeronautical Information Services;
- b) discuss and support the proposed coordination process toward reporting to the ATM/SG, AOP/SG, and SWIM TF; and
- c) discuss any relevant matters as appropriate.

— END —