



ICAO

International Civil Aviation Organization

The Tenth Meeting of the Aerodromes Operations and
Planning Sub-Group (AOP/SG/10)

Bangkok, Thailand, 10 to 14 August 2026

Agenda Item 2: Review of Outcome of Relevant Meetings

AERODROME-RELATED INFORMATION SERVICES FOR THE APAC COMMON SWIM AERONAUTICAL INFORMATION SERVICES

(Presented by the SECRETARIAT)

SUMMARY

This paper presents the outcomes of ATM/SG/14 relating to the Aerodrome Feature Service and the Runway Surface Condition Report Service under the APAC Common SWIM Aeronautical Information Services framework. ATM/SG/14 agreed to the proposed amendments developed by the APAC Common SWIM Aeronautical Information Services Ad Hoc Group and supported their submission to AOP/SG for endorsement prior to consideration by the SWIM Task Force (SWIM TF).

1. INTRODUCTION

1.1 The Fourteenth Meeting of the Air Traffic Management Sub-Group (ATM/SG/14) considered the outcomes of the APAC Common SWIM Aeronautical Information Services Ad Hoc Group relating to the Aerodrome Feature Service and the Runway Surface Condition Report Service. The proposed amendments were developed with the participation of aerodrome subject matter experts to ensure that operational aerodrome requirements were appropriately reflected while maintaining consistency with the APAC Common SWIM Aeronautical Information Services framework.

2. DISCUSSION

2.1 ATM/SG/14 agreed to the proposed amendments to the Aerodrome Feature Service, including revisions to the service description and clarification of the information to be exchanged using AIXM.

2.2 ATM/SG/14 also agreed to the proposed amendments to the Runway Surface Condition Report Service, including the revised service description referencing the ICAO Global Reporting Format (GRF) and the identification of the Runway Condition Code (RWYCC) as the primary information element. (Table 1)

Table 1: Proposed amendments to the aerodrome-related information services

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 and contaminants (least to most slippery) that are directly correlated to aircraft take-off and landing performance Provides runway condition code in accordance with Global Reporting Format (GRF) requirements.	Global Reporting Format (GRF) for runway surface conditions Runway Condition Code (RWYCC) for runway surface conditions.	AIXM	Pub/Sub or Req Reply	2

2.3 ATM/SG/14 recognized that the proposed amendments would contribute to the harmonized digital exchange of aerodrome information within the SWIM environment and support the implementation of SWIM-enabled ATM capabilities across the APAC Region.

2.4 ATM/SG/14 supported the submission of the proposed amendments to AOP/SG for endorsement prior to their consideration by the SWIM Task Force (SWIM TF).

3. ACTION BY THE MEETING

3.1 The meeting is invited to:

- a) note the information contained in this paper;
- b) discuss and endorse the proposed amendments to the Aerodrome Feature Service and Runway Surface Condition Report Service;
- c) submit the endorsed amendments to the SWIM Task Force (SWIM TF) for consideration; and
- d) discuss any relevant matters as appropriate.

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