



# ICAO

*International Civil Aviation Organization*

**The Sixth Meeting of System Wide Information Management Task Force (SWIM TF/6)**

Video Teleconference (VTC), 17 – 20 May 2022

**Agenda Item 4:** Updates on the assigned tasks by task leads/contributors including progress report and issues

**a) Implementation Planning**

- Task 1: Regional Implementation Philosophy & Roadmap

**SWIM IMPLEMENTATION AND THE ASIA-PACIFIC SEAMLESS ANS PLAN**

(Presented by China, Japan, Singapore, and Thailand)

**SUMMARY**

This paper examines the relationship between SWIM implementation in Asia/Pacific and the Asia/Pacific Seamless ANS Plan. It proposes that the SWIM implementation should be included into the Asia/Pacific Seamless ANS Plan as SWIM is a key piece of infrastructure required to support other initiatives currently included the Plan and the future operational concept.

**1. INTRODUCTION**

- 1.1 The latest version of the Asia/Pacific Seamless ANS Plan, version 3.0, was approved by the Thirtieth Meeting of the Asia/Pacific Air Navigation Planning and Implementation Regional Group (APANPIRG/30) and published by the ICAO Asia and Pacific Office in November 2019.
- 1.2 The Plan states that its objective is to facilitate Asia/Pacific Seamless ANS operations, by developing and deploying ATM solutions capable of ensuring safety and efficiency of air transport throughout the Asia/Pacific region. These can also be translated the need for the region as a whole to achieve the safe and interoperable provision of harmonized and consistent ATM services, appropriate to the airspace category and free of transitions due to changes in ANSPs or FIRs.

**2. DISCUSSION**

- 2.1 In the current edition of the Asia/Pacific Seamless ANS Plan, version 3.0, SWIM is only mentioned once in Appendix C Seamless ANS Principles under the Technology and Information section, Aeronautical Data sub-section stating about the cooperative development of SWIM to support interoperable operations.
- 2.2 Given that SWIM has been identified as a key foundation to achieve a global information management, utilization, and interchange among stakeholder as outlined in ICAO Doc

9854 Global ATM Operational Concept (GATMOC), it is odd that SWIM and its implementation should be given so little focus in the Plan which is meant to provide a regional framework to meet the future performance requirements.

- 2.3 To address this deficiency, it is proposed that the SWIM implementation be included into the next edition of the Asia/Pacific Seamless ANS Plan.
- 2.4 The implementation timeframe to be reflected in the Plan should be the timeframe that SWIM TF has proposed for SWIM implementation in our region. This is to ensure that the implementation timeframe of the Asia/Pacific SWIM captured in the Asia/Pacific Seamless ANS Plan is well aligned with the Asia/Pacific SWIM Implementation Roadmap being developed by the SWIM TF.
- 2.5 Since the expected implementation timeframe stated in the current version of the Plan goes only till 2025 (Phase IV), and the Asia-Pacific SWIM implementation timeframe as proposed in SWIM TF/6 WP/07 is from 2024 till 2030; it is thus proposed that the start of SWIM implementation planning by States be included in Phase IV (2024-2025) of the Asia/Pacific Seamless ANS Plan.
- 2.6 To this end, it is proposed for the CNS SG and SWIM TF to consider including SWIM implementation as part of Performance Improvement Plan in the next edition the Asia/Pacific Seamless ANS Plan.

<b>Draft Conclusion SWIM TF/6/XX</b> Inclusion of the Asia/Pacific SWIM Implementation in the Asia/Pacific Seamless ANS Plan	
What: CNS SG and SWIM TF, to consider including SWIM implementation in the next edition of the Asia/Pacific Seamless ANS Plan.	Expected impact: <input type="checkbox"/> Political / Global <input type="checkbox"/> Inter-regional <input type="checkbox"/> Economic <input type="checkbox"/> Environmental <input checked="" type="checkbox"/> Ops/Technical
Why: To ensure that SWIM, a key building block to achieve the vision outlined in ICAO Doc 9854 Global ATM Operational Concept (GATMOC), is captured in the Asia/Pacific Seamless ANS Plan, providing an overall framework for Asia/Pacific States to plan their implementations to meet the future performance requirements.	Follow-up: <input type="checkbox"/> Required from States
When: 20-May-22	Status: Draft to be adopted by PIRG
Who: <input checked="" type="checkbox"/> Sub groups <input type="checkbox"/> APAC States <input type="checkbox"/> CAO APAC RO <input type="checkbox"/> CAO HQ <input type="checkbox"/> Other: XXXX	

**3. ACTION BY THE MEETING**

- 3.1 The meeting is invited to:
  - a) note the information contained in this paper;
  - b) agree to Draft Conclusion proposed in Paragraph 2.6; and
  - c) discuss any relevant matter as appropriate

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