



ICAO

International Civil Aviation Organization

The Fifth Meeting of System Wide Information Management Task Force (SWIM TF/5)

Video Tele-conference, 9 – 11 August 2021.

Agenda Item 6: Updates on the assigned tasks by task leads/contributors including progress report and issues

a) Implementation Planning

- Task 1: Regional Implementation Philosophy & Roadmap

PROPOSAL TO SURVEY SWIM IMPLEMENTATION PLAN AND STATUS IN ASIA/PACIFIC

(Presented by Singapore and Thailand)

SUMMARY

This paper presents a proposal for a survey to be conducted by Task 1 group of SWIM Task Force, to gather the SWIM implementation plan and status of the Asia/Pacific Member States in order to aid in the overall regional implementation planning.

1. INTRODUCTION

- 1.1 Considering the high diversity among Member States in the Asia/Pacific region, it is challenging to devise a regional plan to achieve the region-wide harmonization while at the same time not neglecting the constraints of each Member States. This factor becomes even more crucial when it comes to SWIM implementation planning. It is due to the fact that SWIM is not built for its own sake, in turn making it hard to justify SWIM investment.
- 1.2 To develop a detailed Asia/Pacific SWIM implementation roadmap, it is necessary to establish first a baseline understanding of SWIM implementation plan and status within the Asia/Pacific region.

2. DISCUSSION

- 2.1 With the objective to gather the initial information on the SWIM understanding and readiness of the Asia/Pacific Member States, CNS SG/22 in 2018 adopted *Conclusion CNS SG/22/6 (SWIMTF/2/2) Asia/Pacific SWIM Survey* to urge States/Administration to respond to a survey circulated through ICAO State Letter. Later, the first Asia/Pacific Regional SWIM Survey was conducted during December 2018 to March 2019 and feedback from 17 States/Administrations was received. Based on the survey results reported to SWIM TF/3, SWIM TF/3 agreed that higher priority should be given to the SWIM implementation for cross-border ATFM (Air Traffic Flow Management) and A-CDM (Airport-Collaborative

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Decision Making) operations. This survey result laid a foundation for the significant SWIM development in the Asia/Pacific region such as the Asia/Pacific FIXM (Flight Information Exchange Model) version 4.1 Extension adopted by APANPIRG/30 (*Conclusion APANPIRG/30/12 (CNS SG/23/6-SWIMTF/3/4) Asia/Pacific FIXM Extension for ATFM*), the development of technical specifications for ATFM information exchange based on SWIM concept over CRV (Common aeronautical Virtual Private Network) being carried out by the Technical Sub-Group under Asia/Pacific Cross-border Multi-Nodal ATFM Collaboration (AMNAC).

- 2.2 Considering the benefit of survey in shaping the SWIM development within the Asia/Pacific region aforementioned, to create a baseline picture of SWIM implementation plan and status within the region as said in §1.2, it is proposed to conduct a survey to obtain the current status and views towards SWIM implementation of the Asia/Pacific Member States. Similar to other survey types, the number of Member States providing responses to this survey plays an important role in the accuracy of regional SWIM implementation baseline to be generated.
- 2.3 The proposed scope of survey questions are as follows:
- a) SWIM implementation planning status;
 - b) Details of State's SWIM implementation roadmap/plan, including SWIM components to be implemented and expected corresponding implementation timeline; and
 - c) Planned approach to participate in regional SWIM, especially in the case where State is not planning to implement SWIM.
- 2.4 Under the current task structure of SWIM Task Force, Task 1 is assigned to develop and maintain the Asia/Pacific regional SWIM implementation roadmap, including list of activities to support the SWIM implementation in the region. It is therefore proposed that Task 1 group be responsible for the conduct, collection, and analysis of this survey.

Draft Decision XX/XX – Asia/Pacific SWIM Implementation Plan and Status Survey	
What: To conduct a survey on SWIM implementation plan and status of Asia/Pacific Member States.	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 establish a baseline understanding of SWIM implementation plan and status within the Asia/Pacific region so as to aid the development of the regional SWIM implementation roadmap.	Follow-up: <input checked="" type="checkbox"/> Required from SWIM TF Task 1 group and Member States
When: 29-Oct-21	Status: Referred back to WG/TF

Who: <input type="checkbox"/> Sub groups <input checked="" type="checkbox"/> APAC States <input type="checkbox"/> ICAO APAC RO <input type="checkbox"/> ICAO HQ <input type="checkbox"/> Other: XXXX
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3. ACTION BY THE MEETING

3.1 The meeting is invited to:

- a) note the information contained in this paper;
- b) agree to the Draft Decision proposed in paragraph 2.3; and
- c) discuss any relevant matter as appropriate.
