



ICAO

*International Civil Aviation Organization***The Tenth Meeting of System Wide Information Management Task Force (SWIM TF/10)***Bangkok, Thailand, 20 – 23 May 2025*

- Agenda Item 3: Outcomes of relevant meetings on SWIM-related matters
- ICAO APAC CNS/other relevant Meetings

**OUTCOME OF THE TENTH MEETING OF THE SURVEILLANCE  
IMPLEMENTATION COORDINATION GROUP (SURICG/10)**

(Presented by the Secretariat)

**SUMMARY**

The paper presents the relevant outcomes of the Tenth Meeting of the Surveillance Implementation Coordination Group (SURICG/10).

**1. INTRODUCTION**

1.1 The Tenth Meeting of the Surveillance Implementation Coordination Group (SURICG/10) was held at the ICAO APAC Regional Office, Bangkok, Thailand, from 21 – 23 April 2025. The Meeting was attended by **53** participants from **18** Member States/Administrations and **1** International Organizations. The Meeting report, working papers, information papers, and other resources can be accessed by the following link:

<https://www.icao.int/APAC/Meetings/Pages/2025-SURICG10.aspx>

1.2 This paper summarized relevant information and updates from SURICG/10 Meeting.

**2. DISCUSSION**

2.1 The summary of discussions in the Meeting is given in the following paragraphs.

*Finalization of APAC Common SWIM Information Services – Sec (WP/17)*

2.2 The SURICG/10 Meeting reviewed the proposed initial set of APAC Common SWIM Surveillance Information Services → **Surveillance data sharing services**. With assistance from Hong Kong China, the list was modified and further consulted with SURSG/4 delegates by email. After incorporating all inputs, the *final list of APAC Common SWIM Surveillance Information Services* was prepared by the SURICG/10 meeting that would be considered by the SWIM TF/10 to finalize the list of APAC Common SWIM Information Services.

2.3 It was added that the proposed list could be considered by SWIM TF/10 for publishing the first APAC Common SWIM Surveillance Information Services. In addition, SURSG will review the list and provide further updates, if any, to publish in the next version of APAC Common SWIM Surveillance Information Services. **ACTION ITEM 10-1**

*Outcomes and lessons learned from the Joint Event of SWIM over CRV demonstration and surveillance data sharing in the SWIM trial - Hong Kong China (WP/04)*

2.4 This paper presented the outcome and lessons learned from the Joint Event of SWIM over CRV Demonstration and Surveillance Data Sharing in SWIM Trial, conducted by Surveillance Sharing in SWIM Trial Implementation Group (S3TIG) in Hong Kong, China, from 28 - 29 May 2024.

2.5 For the Joint Event, several potential SWIM services were devised and demonstrated, covering the full spectrum of existing SWIM data exchange models and the proposed surveillance data exchange models. To showcase the operational benefits brought by SWIM, S3TIG identified **three operational scenarios** with a higher probability of realization as SWIM use cases for demonstration. A 2-tier hierarchical architecture, as proposed by the SWIM Implementation Pioneer Group (SIPG), was adopted for the Joint Event. S3TIG designed three data exchange models for sharing surveillance data over SWIM, along with the corresponding message headers.

2.6 The lessons learned from the Joint Event included both the SWIM and CRV perspectives. The Meeting learned that message headers/metadata, including the names of the fields and format of the contents, must be properly considered and standardized to maintain interoperability within the region and across different regions. It was noted that the 2 Mbps bandwidth tentatively offered to each State/Administration in the pseudo-CRV and adopted by most States/Administrations is insufficient for sharing surveillance data at a 1-second data rate for some States/Administrations, depending on their FIR traffic volume and their roles in sharing or consuming ADS-B surveillance data within the SWIM environment in the future. This situation necessitates subscribing to a higher CRV bandwidth.

*Progress update of SURSG - Hong Kong China (WP/06)*

2.7 Hong Kong China shared the progress of the work of SURSG after 2024. It informed that after the successful conduct of the Joint Event of SWIM Demonstration over CRV and surveillance data in SWIM trial held in Hong Kong China, from 28 – 29 May 2024, SURSG has started to prepare the last deliverable of the Study Group (i.e., guidance material), based on the proposed framework. The complete draft is planned to be ready by mid-2025 to seek further comments from SURSG members. The finalized version is targeted for endorsement by SURICG/11 in 2026. During the discussion of the next meeting date of SURSG, it was stated that the next Meeting will be planned before the SURICG/11 Meeting in 2026. **ACTION ITEM 10-2**

*Date and Venue for the Next Meeting*

2.8 The Meeting considered that the next SURICG meeting would be held for 3 days, tentatively planned for **23-25 March 2026**. Any States/Administrations interested in hosting the Meeting may contact the ICAO APAC Office for hosting discussions at least 4 months before the Meeting. The exact dates and venue will be communicated to the member states in due course.

**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 matter as appropriate

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