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RECONNECTING THE WORLD

AAC5 Meeting
10/12/2025

AAC WS1 Progress Report



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10/12/2025

Objectives

Objectives: Step up investments in ANS capacity and capabilities and share requirements and best practices in the procurement of ANS systems

Leads

Leads : China, Thailand

Members

Members: Hong Kong China, New Zealand, Singapore, CANSO , India, Macau China, Vietnam, Australia, Mongolia, Philippines + **Sri Lanka, Indonesia**



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2025 Key Activities



NextWave Technologies Workshop



Exploring new technology for ANS modernization.

Sharing experiences and best practices for ANS system procurement and whole-life management.

The “**Next Wave APAC Aviation Technologies through Synergy**” Workshop was successfully organized by Aeronautical Radio of Thailand Ltd (AEROTHAI) in Bangkok, on 17-21 Feb 2025.



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2025 Key Activities



ANS System Life-Cycle Management Survey

Asia/Pacific ANS System Life-Cycle Management Survey

Introduction

This survey is conducted as part of Asia/Pacific ANSPs Committees (AAC) Workstream 1 Task 7 which focuses on encouraging ANSPs to share experiences and best practices in ANS systems planning, procurement, implementation, maintenance, and whole-life management.

This questionnaires consist of 8 section as follows

- Section 1: General Information
- Section 2: Planning
- Section 3: Procurement Experience
- Section 4: Procurement Target
- Section 5: Implementation
- Section 6: Maintenance
- Section 7: Whole-Life Management
- Section 8: Additional Insights

The responses collected from this survey will be compiled and analyzed to identify key takeaway, challenges, and best practices among ANSPs. Summary report will be recorded in the AAC e-Library of guidance materials and shared during AAC/5.

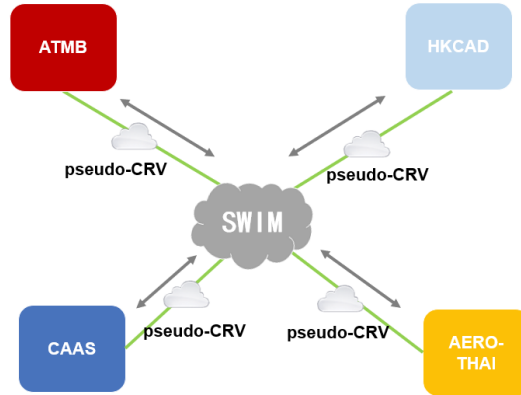
Please submit your responses to the survey by sending them to rguillet@icao.int and cc aacws1@aerothai.co.th. We appreciate your time and valuable input and kindly request your response by **31 Aug 2025**. Your insights are highly valuable in shaping future

AEROTHAI analyzed the results from the survey feedback.

AEROTHAI took the led to develop *“The Asia/Pacific ANS System Life-Cycle Management Survey”* in June.

2025 Key Activities

ATFM-on-SWIM Trial



Tips

- FIXM 4.3 Extension
- Flight GUF1 is created by its departure country
- Data transmission based on MQ message queue
- Exchange message include SAM, SRM, SLC with FIXM 4.1, and CTOT, CTO, TTOT with FIXM 4.3 extension.

WS1 shared the achievements of AMNAC (APAC Cross-Border Multi-Nodal ATFM Collaboration) working group.

- WS1 has started the **ATFM-on-SWIM trial** since 2024, and **FIXM V4.1** messages test was successfully conducted.
- The **Regional FIXM V4.3 Extension** was developed, tested and endorsed by SWIM TF/10 and CNS SG/29.

2025 Key Activities



Regional ANS System Architecture

WS1 is considering to develop a Regional ANS System Architecture, aligned with the APAC Seamless ANS Plan, to support ANSPs in identifying and prioritizing key ANS systems for implementation.

CAAS gave a concept of Regional ANS System Architecture in WS1 group meeting.

2025 Key Activities



CNS/ATM Workshop & Training Programme

ATMB and Industry of China co-hosted the second CNS/ATM workshop and training program in Chengdu China, from 3 to 15 November 25.

A total of 24 participants from 5 ANSPs, including Hong Kong China, Malaysia, Singapore, Thailand and Vietnam, participated in the program.

A total of 15 experts delivered lectures, had warm and engaging discussions with participants.

Participants visited several places, including Tianfu Tower, the TMA of Southwest ATMB, and CASRI.

[Glimpse of the Workshop and Training](#)