



ICAO

International Civil Aviation Organization

**THE FIFTEENTH MEETING OF THE COMMON
AERONAUTICAL VIRTUAL PRIVATE NETWORK
OPERATIONS GROUP (CRV OG/15)**

Mumbai, India, 15-19 June 2026

Agenda Item 14: Next Meetings and Any Other Business

**ORGANISATION OF ORGANISATION OF
SWIM TRAINING CUM WORKSHOP IN AUGUST 2026**

(Presented by the Secretariat)

SUMMARY

This paper presents information on the organisation of the SWIM Training cum Workshop in August 2026.

1. INTRODUCTION

1.1 The Thirty-Third Meeting of the Asia/Pacific Air Navigation Planning and Implementation Regional Group (APANPIRG/33) adopted Conclusion APANPIRG/33/09, establishing the Asia/Pacific SWIM implementation timeframe for 2024–2030, with 2030 as the target completion date. As a key enabler for current operations—such as the regional Air Traffic Flow Management (ATFM) network— and for future concepts including Flight and Flow Information for a Collaborative Environment (FF-ICE) and Trajectory-Based Operations (TBO), harmonised SWIM implementation across the region is essential to achieving region-wide operational benefits.

1.2 In light of several recent developments, SWIM implementation has become a clear priority. These developments include the adoption of the sunset date for FPL2012 by 2034 at the Fourteenth ICAO Air Navigation Conference (AN-Conf/14), the endorsement by APANPIRG in 2023 of the ICAO Asia/Pacific SWIM implementation timelines (2024–2030), and the availability of ICAO provisions for FF-ICE Release 1 from November 2024. Furthermore, the DGCA/60 Conference formulated Action Item 60/20, requesting that ICAO organise SWIM-related seminars and workshops to support States in this area.

1.3 To support APAC States/Administration in implementing SWIM, the ICAO APAC Office will convene the ICAO APAC SWIM Training cum Workshop in August 2026. This paper provides an overview of the event for the SWIM TF/11 Meeting information and aims to encourage active participation from APAC States and Administrations.

2. DISCUSSION

2.1 The ICAO APAC Office is organising the **ICAO Asia/Pacific SWIM Training cum Workshop** from **25-27 August 2026** in Hanoi, Viet Nam, generously hosted by the Viet Nam Air Traffic Management Corporation (VATM).

2.2 The ICAO Asia/Pacific SWIM Training cum Workshop is designed to provide participants with both foundational and advanced knowledge of SWIM, as well as hands-on exposure to the development of SWIM technical capabilities tailored to operational requirements of interest. The workshop will cover the fundamental concepts of SWIM, relevant guidance material, and standards developed by various ICAO working groups.

2.3 The Training cum Workshop will also facilitate discussion and exchange of views on how SWIM and the information services enabled through it can be leveraged to enhance operational effectiveness. In addition, the workshop will assist Asia/Pacific Member States in gaining a better understanding of practical SWIM solutions that can be developed or deployed at the State/Administration level. It will address the essential technical and implementation aspects required to establish SWIM capabilities, while also enabling participants to assess the current status of their SWIM implementation and progress towards alignment with the 2024–2030 Asia/Pacific SWIM Implementation Timeframe.

2.4 ICAO APAC Office has issued State Letter Ref.: T 8/5.3 – AP064/26 (CNS) dated 12 May 2026, sharing information about this event. The letter is provided in **Appendix A**. More information about this event will be published on the event website at: <https://www.icao.int/APAC/meetingdocs?fid=94781>

2.5 The Meeting is kindly requested to consider planning a delegation composed of regulators and service providers' personnel involved in SWIM implementation to attend the event.

3. ACTION BY THE MEETING

3.1 The meeting is invited to:

- a) note the information contained in this paper;
- b) participate in the ICAO Asia/Pacific SWIM Training cum Workshop; and
- c) discuss any relevant matter as appropriate.



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авиации

منظمة الطيران
المدني الدولي

国际民用
航空组织

Ref.: T 8/5.3 – AP064/26 (CNS)

12 May 2026

Subject: Invitation to the ICAO APAC SWIM Training cum Workshop (*Hanoi, Viet Nam, 25-27 August 2026*)

Action Required:

- 1) To submit nominations by **4 August 2026**.
- 2) To complete the online registration by **10 August 2026**.

Dear Sir/Madam,

I am pleased to invite your State/Administration to participate in the ICAO Asia/Pacific System Wide Information Management (SWIM) Training cum Workshop, to be held from **25-27 August 2026**, in Hanoi, Viet Nam.

The Thirty-Third Meeting of the Asia/Pacific Air Navigation Planning and Implementation Regional Group (APANPIRG/33) adopted **Conclusion APANPIRG/33/09**, establishing the **Asia/Pacific SWIM implementation timeframe for 2024–2030**, with 2030 as the target completion date. As a **key enabler** for current operations—such as the regional Air Traffic Flow Management (ATFM) network—and for future concepts including Flight and Flow Information for a Collaborative Environment (FF-ICE) and Trajectory-Based Operations (TBO), harmonised SWIM implementation across the region is essential to achieving region-wide operational benefits.

In light of several recent developments, SWIM implementation has become a clear priority. These developments include the adoption of the **sunset date for FPL2012 by 2034** at the Fourteenth ICAO Air Navigation Conference (AN-Conf/14), the endorsement by APANPIRG in 2023 of the ICAO Asia/Pacific SWIM implementation timelines (2024–2030), and the availability of ICAO provisions for **FF-ICE Release 1 from November 2024**. Furthermore, the **DGCA/60 Conference** formulated **Action Item 60/20**, requesting that ICAO organise SWIM-related seminars and workshops to support States in this area.

The ICAO Asia/Pacific SWIM Training cum Workshop is designed to provide participants with both foundational and advanced knowledge of SWIM, as well as hands-on exposure to the development of SWIM technical capabilities tailored to operational requirements of interest. The workshop will cover the fundamental concepts of SWIM, relevant guidance material, and standards developed by

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various ICAO working groups. It will also facilitate discussion and exchange of views on how SWIM and the information services enabled through it can be leveraged to enhance operational effectiveness. In addition, the workshop will assist Asia/Pacific Member States in gaining a better understanding of practical SWIM solutions that can be developed or deployed at the State/Administration level. It will address the essential technical and implementation aspects required to establish SWIM capabilities, while also enabling participants to assess the current status of their SWIM implementation and progress towards alignment with the 2024–2030 Asia/Pacific SWIM Implementation Timeframe.

The Tentative Programme for the Workshop is provided in **Attachment A**. The Workshop Bulletin is provided in **Attachment B**, containing administrative arrangements and other useful information for participants. All costs associated with attending the Meeting in Hanoi, Viet Nam, including travel, accommodation, health insurance, and other miscellaneous expenses, will be borne by the respective States/Administrations.

Delegates are advised that the ICAO Regional Office is moving towards a ‘paperless’ meeting environment by promoting electronic media for all meeting materials. Delegates are encouraged to take advantage of the wireless network facility and should bring a portable device equipped with Wi-Fi. The related documents for the Workshop will be available on the [ICAO APAC SWIM Training cum Workshop webpage](#).

A formal letter or email of nomination from a Member State/Administration is required. I would be grateful if you take advantage of the Workshop and nominate participant(s) to join the Workshop by sending a nomination letter or email to apac@icao.int with copies to snibhani@icao.int and vmeeфуengsart@icao.int at your earliest convenience, but no later than **4 August 2026**. The letter should be on official letterheads and signed by the appropriate authority or an authorised signatory of the government entity of the State/Administration. The letter/email should be addressed to the ICAO Regional Director in response to *AP064/26 (CNS) - Invitation to the ICAO APAC SWIM Training cum Workshop (Hanoi, Viet Nam, 25-27 August 2026)*.

All nominated participants must complete the online registration using [the registration link](#) at your earliest convenience, but no later than **10 August 2026**, as after this, the link will be closed automatically to accept registrations.

For further assistance regarding the meeting, please contact apac@icao.int with copies to snibhani@icao.int and vmeeфуengsart@icao.int.

Accept Sir/Madam, the assurances of my highest consideration.

Yours sincerely,



Tao Ma
Regional Director

Enclosures:

Attachment A: Provisional Workshop Programme
Attachment B: The Workshop Bulletin



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International Civil Aviation Organization

ICAO APAC SWIM Training cum Workshop

Hanoi, Viet Nam, 25-27 August 2026

Order of Business	
25 August 2026	
Time (UTC+07:00)	Programme
08:00 – 09:00	Registration
09:00 – 09:30	Opening Session
09:30 – 10:00	Group Photo and Coffee Break
10:00 – 10:30	SP01- SWIM – The Paradigm Shift Behind Next-Generation ATM Operations <i>Speaker: Dr Amornrat Jirattigalachote, Expert (Director Level), AEROTHAI, Thailand</i>
10:30 – 11:30	SP02- Understanding SWIM-Related ICAO Provisions and Manuals <i>Speaker: Mr David Leow, Head (Quality Assurance), CAAS, Singapore</i>
11:30 – 12:00	Q&A Session
12:00 – 13:00	Lunch Break
13:00 – 14:00	SP03- From ICAO Provisions to Practical SWIM Implementation <i>Speaker: Mr David Leow, Head (Quality Assurance), CAAS, Singapore</i>
14:00 – 14:30	Q&A Session
14:30 – 15:00	Coffee Break
15:00 – 15:30	SP04- Journey of ICAO APAC SWIM Task Force <i>Speaker: Dr Soniya Nibhani, Regional Officer (ANS Implementation), ICAO APAC Office, Thailand</i>
15:30 – 16:30	SWIM Planning and Implementation Updates from States/Administrations <i>Speakers: All Participating States/Administrations*</i>
16:30	End of Day 1
26 August 2026	
09:00 – 09:15	Day 1 Recap <i>Speaker: Dr Amornrat Jirattigalachote, Expert (Director Level), AEROTHAI, Thailand</i>
09:15 – 09:45	SP05- Understanding the Relationship between SWIM and FF-ICE/R1 <i>Speaker: Dr Xiaodong Lu, Principal Researcher, ENRI, Japan</i>
09:45 – 10:15	SP06- Developing SWIM Use Cases: Leveraging APAC Common SWIM Information Services

	<i>Speaker: Mr Yukinobu Ryu, Director for Flight Information Management Planning, JCAB, Japan</i>
10:15 – 10:30	Q&A Session
10:30 – 11:00	Coffee Break
11:00 – 12:00	SP07- Building the Asia/Pacific Regional SWIM Technical Infrastructure Prototype – SWIM Implementation Pioneer Group (SIPG) <i>Speaker: Mr David Leow, Head (Quality Assurance), CAAS, Singapore</i>
12:00 – 12:15	Q&A Session
12:15 – 13:15	Lunch Break
13:15 – 14:00	SP08- SWIM Sandbox <i>Speaker: Mr Wayne Osse, Co-Chair of CANSO SWIM & FF-ICE Workgroup</i>
14:00 – 14:30	Q&A Session
14:30 – 15:00	Coffee Break
15:00 – 16:30	SWIM Planning and Implementation Updates from States/Administrations <i>Speakers: All Participating States/Administrations*</i>
16:30	End of Day 2
27 August 2026	
09:00 – 09:15	Day 2 Recap <i>Speaker: Dr Amornrat Jirattigalachote, Expert (Director Level), AEROTHAI, Thailand</i>
09:15 – 10:00	SWIM Development Working Session – Hands-on Practice <i>All Participating States/Administrations*</i>
10:00 – 10:30	Coffee Break
10:30 – 11:45	SWIM Development Working Session – Hands-on Practice (Con't) <i>All Participating States/Administrations*</i>
11:45 – 12:15	Q&A Session
12:15 – 12:35	SP09- Asia/Pacific SWIM Implementation Indicators <i>Speaker: Dr Amornrat Jirattigalachote, Expert (Director Level), AEROTHAI, Thailand</i>
12:35 – 13:00	SP10- Workshop Key Takeaways <i>Speaker: Dr Amornrat Jirattigalachote, Expert (Director Level), AEROTHAI, Thailand</i>
13:00	End of Workshop

**All participating States/Administrations are requested to submit a short presentation on SWIM planning and implementation updates to the ICAO Asia and Pacific Regional Office prior to the workshop.*



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ICAO APAC SWIM Training cum Workshop

Hanoi, Viet Nam 25-27 August 2026

THE WORKSHOP BULLETIN

1. Dates and Venue

1.1. A three-day Workshop will be held at the following venue in **Hanoi, Viet Nam**, from **Tuesday, 25 August to Thursday, 27 August 2026**. The Workshop will start at 09:00 hours (local time, UTC+7) each day.

1.2. The address of the venue is:

Venue:

Viet Nam Air Traffic Management Corporation (VATM)

Building B, 5/200 Nguyen Son Road, Bo De Ward, Hanoi, Viet Nam

Tel: +84243.8271513

E-mail: inter.relations@vatm.vn

[Maps](#) | [Website](#)

For Taxi:

Tổng công ty Quản lý bay Việt Nam

(VATM)

Tòa nhà B, số 5/200 Nguyễn Sơn, phường Bồ Đề, thành phố Hà Nội, Việt Nam.

1.3. The daily order of business will be uploaded on the Meeting Webpage.

2. Officers and Secretariat

Dr. Soniya Nibhani, Regional Officer ANS (CNS) Implementation

Tel: +66 (0)2 537 8189 x155

E-mail: snibhani@icao.int

Ms. Varapan Meefuengart, Programme Assistant CNS/MET

Tel: +66 (0)2 537 8189 x49

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Ms. Dang Hong Ly - Official, Office of Corporation, VATM

E-mail: danghongly@vatm.vn

inter.relations@vatm.vn

3. Registration and Access

3.1. All participants are strongly encouraged to pre-register using the online registration form available via [the registration link](#) no later than **10 August 2026**, and to follow the instructions to complete the registration.

3.2. Participants are required to carry a valid government-issued identity card or passport for verification of their identity prior to entering the meeting venue at VATM's headquarters as stated above

3.3. At the event, participants are requested to register at the Registration Desk on the 8th floor, Building B, VATM's headquarters, in front of the meeting room between 0830 and 0900 hours on the opening day of each event. Participants are also requested to wear the identification badge during the events.

3.4. Documentation Requirement for Registration

- A formal letter or email of Designation/Nomination from a Member State/Administration is required for registration(s). The letter should be on official letterhead and signed by the appropriate authority or authorized signatory for the government entity of the State/Administration. The letter/email should be addressed to the ICAO Regional Director in response to AP064/26 (CNS): *Invitation to the ICAO APAC SWIM Training cum Workshop (Hanoi, Viet Nam, 25-27 August 2026)* and must be sent **before 4 August 2026**. Please include the full name, title, and email address of each nominee.
- For International organizations: Please note that only international organizations that are recognized by ICAO can register to attend in this category. The following link contains a list of recognized IOs: [List of International Organizations](#).
- Please submit the letter or email of Nomination to apac@icao.int; with a copy to the Secretariat.
- Once approved by ICAO, a confirmation email will be provided to the individuals nominated by the State/Administration/International organizations.

4. Food and Catering Arrangements

4.1. Tea and Coffee will be provided for the morning and afternoon breaks during the meeting/event.

4.2. Lunch will be provided during the meeting.

5. Visa, Insurance and Customs

5.1. Participants must possess the required travel documents to enter and stay in Viet Nam. Participants may consult official resources such as the Ministry of Foreign Affairs of Viet Nam's website at <https://www.mofa.gov.vn/en> or the Viet Nam e-Visa Portal's website at <https://evisa.gov.vn/> for the most up-to-date information on entry requirements. The Viet Nam e-Visa is valid for a maximum of 90 days, either single or multiple entries. For detailed information on visa types, application procedures, and entry requirements, please refer to the official websites mentioned above.

5.2. Participants may be required to obtain an appropriate entry visa from the Vietnamese Embassy or Consulate-General before traveling to Viet Nam, depending on their nationality. Some nationalities may be eligible for visa exemptions or able to apply for visas on arrival (VOA) or e-visas.

5.3. Visa applications should be submitted well in advance as processing times vary by country. For meetings or events, participants should typically select a Business Visa (where applicable) to enter Viet Nam. If an official visa support letter is required, the relevant authority or administration should contact the ICAO APAC Regional Sub-Office at apac-rso@icao.int; with a copy to the Secretariat and yanruchen@icao.int, at least three (3) weeks before the event.

5.4. All participants must be medically fit and are strongly advised to have comprehensive health or medical insurance to cover potential medical expenses, including illness or emergencies during their stay. Neither the organizers nor the hosting office will assume responsibility for medical or

emergency costs. Participants should also check if certain vaccinations are required by visiting the Viet Nam government portals or consulting their local medical authorities.

5.5. It is recommended to visit the Viet Nam Customs website at <https://www.customs.gov.vn/EN> for information on customs regulations and any restrictions on the import of goods or foreign currency.

6. Hotel Reservations and Transportation

6.1. Participants who wish to stay at hotels near VATM's meeting venue may consider the options listed below (I). For those who prefer to stay in the Old Quarter of Ha Noi - approximately 5 to 7 kilometers from VATM's meeting venue, the following hotel options are available (II):

No.	Hotel name	Address	Website/Email	Distance to VATM
I. Hotels near VATM				
1.	Hotel Du Monde Art	69 Hoang Nhu Tiep Street, Long Bien District, Ha Noi	www.hoteldumond.com.vn Tel: +8424 3577 7333	0.7 km
2.	Hotel Du Monde	89 Hoang Nhu Tiep, Bo De Ward, Long Bien District, Ha Noi	www.hoteldumond.com.vn Tel: +8424 3877 7222	0.55 km
3.	Branda Apartment & Hotel	41 Hong Tien Street, Long Bien District, Ha Noi	https://brandahotelhanoi.com/ Tel: +842433152288 Hotline: +84918631962 Email: salesbrandaht@gmail.com	1.7 km
4.	The Castle Hotel	No. 104, Nguyen Van Cu Street, Long Bien District, Ha Noi	https://thecastlehotel.vn/ Tel: +8424 7300 2002 Email: thecastlehotelfo@gmail.com	2.1 km
II. Hotels in the old quarter/city center of Ha Noi				
5.	Meliá Hanoi	44 P. Ly Thuong Kiet Street, Tran Hung Dao Ward, Hoan Kiem District, Ha Noi	https://www.melia.com/vi/hotels/vietnam/hanoi/melia-hanoi Tel: +84 24 3934 3343 Email: rsvn@meliahanoi.com.vn	6.2 km
6.	Hoa Binh hotel	No. 27 Ly Thuong Kiet Street, Hoan Kiem District, Ha Noi	https://hoabinhhotel.com/ Tel: +8424 3825 3315 Email: sm@hoabinhhotel.com reservation2@hoabinhhotel.com	6.1 km
7.	La Storia Hotel Hanoi	45 Hang Dong street, Hoan Kiem District, Ha Noi	http://www.hanoilastoriahotel.com/ Hotline: +84 945860863 Email info@hanoilastoriahotel.com	4.7 km
8.	Ha Noi Little town hotel	77 Hang Luoc Street, Hoan Kiem District, Ha Noi	https://hanoilittletown.com/m/ Tel: + 84 24 38283525 Hotline: +84 969043106	4.6 km

			Email: bookings@hanoilittletown.com	
9.	Golden Art hotel	No.6A Hang But Street, Hoan Kiem District, Ha Noi	http://www.goldenarthotel.com/ Phone: +8424 39336333 +84 819394993 Email: info@goldenarthotel.com	4.7 km
10	Hanoi Gatsby Hotel	67 Hang Thiec Street, Hoan Kiem District, Ha Noi	https://gatsby.hotels-in-hanoi.net/en/ Phone: +84 24 3826 9420	5.0 km

* Please note that VATM does not have corporate rates or special arrangements with these hotels. The listed accommodations are provided for your reference only. Participants are kindly advised to contact the hotels directly for reservations or book through commonly used hotel booking platforms such as Agoda, Booking.com, etc

6.2. Participants are required to make their own transportation from their place of residence/stay to the Meeting venue.

6.3. In case participants require any support regarding accommodation or transportation, please feel free to reach out to VATM via the email address: inter.relations@vatm.vn

7. Further Information

7.1 Time in Hanoi, Viet Nam is 7 hours ahead of Co-ordinated Universal Time (UTC+7)

7.2 Currency and Credit Cards

The official currency of the Socialist Republic of Viet Nam is the Vietnamese Dong (VND). Automated Teller Machines (ATMs) are widely available in major cities and at international airports. Major credit cards, such as Visa and MasterCard, are accepted at most hotels, restaurants, and larger commercial establishments, although cash payments remain common, particularly for small transactions.

7.3 Language

The official language is Vietnamese. English is widely used in government-related activities, international organizations, hotels, and the business community, particularly in major cities.

7.4 Weather

Viet Nam has a tropical climate, with regional variations. Participants are advised to consult the National Centre for Hydro-Meteorological Forecasting of Viet Nam (<https://nchmf.gov.vn>) for up-to-date weather information and forecasts prior to and during their stay.

7.5 Electricity

The standard electricity supply in Viet Nam is 220 Volts, 50Hz alternating current. Power sockets commonly accept Type A, Type C, and Type D plugs. Participants are advised to bring suitable power adapters if necessary.

7.6 Water

Tap water is not recommended for drinking. Bottled drinking water is widely available in hotels, restaurants, and convenience stores. Electric kettles are provided in most international-standard hotels.

7.7 Telephone

International and domestic telecommunications services are widely available. Prepaid SIM cards and eSIMs can be purchased at airports, convenience stores, and mobile service providers. Internet and mobile data services are reliable in urban areas.

7.8 Tipping

Tipping is not compulsory in Viet Nam. Some hotels and restaurants may include a service charge in the bill. Tipping for good service is appreciated but discretionary. Taxi fares should follow the meter as the baseline charge; rounding up the fare is common but optional.

7.9 Other Useful Information

The Vietnam National Administration of Tourism (VNAT) website (<https://vietnamtourism.gov.vn>) provides useful travel and tourist information for visitors to Vietnam.

7.10 For further information, please contact the Secretariat at:

Tel: +66-2-537 8189

E-mail: apac@icao.int
