

International Civil Aviation Organization

ICAO

**Twenty Ninth Meeting of the Communications/
Navigation and Surveillance Sub-group (CNS SG/29)
of APANPIRG**

Bangkok, Thailand, 16-20 June 2025

Agenda Item 16: Any Other Business**IMPLEMENTATION OF A NEW CNS&ATM WORKSHOP AND TRAINING PROGRAM**

(Presented by China)

SUMMARY

This paper presents a new CNS&ATM workshop and training program which would be hosted in Chengdu, China in Oct or Nov, 2025, aiming to strengthen technical exchange and cooperation among ANSPs in APAC region.

1. INTRODUCTION

1.1 The establishment of APAC ANSP committee (AAC) was agreed on the Action Item 21 of the 57th DGCA meeting in 2022. The AAC is composed of ANSPs, CANSO, IATA and other recognized bodies of ICAO and it aims to strengthen their collaboration and cooperate in the implementation of regional Air Navigation Services (ANS). The first Meeting of the Asia and Pacific ANSP Committee (AAC/1) was hosted by the ICAO APAC at the Regional Office in Bangkok, Thailand, on 17-18 April 2023. It agreed to adopt a frame work to organize the work of the Committee into four work streams based on areas of priority on the meeting.

1.2 The first work stream (WS1) is “Step up investments in ANS capacity and capabilities and share requirements and best practices in the procurement of ANS systems”. WS1 is led by China and Thailand, the membership comprises 12 Member States/Special Administrative Regions/International Organizations, including: China, Hong Kong China, New Zealand, Singapore, Thailand, CANSO, India, Macau China, Vietnam, Australia, Mongolia, Philippines.

1.3 The description of task 2 in WS1 is to handle capacity building and technical assistance among ANSPs. And the deliverable for task 2 is a program involving ANSPs or experts to provide the training and/or assistance according to the collaboration plan. In May 2024, a CNS&ATM workshop and training program was successfully co-hosted by ATMB and Industry of China. And in CNS SG/28, *IP10_CHN AI.11- Implementation and Outcomes of the CNS-ATM Workshop and Training* was presented to share the implementation and outcomes of the program.

1.4 According to the questionnaire survey of the program, all participants hoped more workshops and trainings and further cooperation projects among ANSPs. Based on this, we would like to host another CNS&ATM workshop and training program in Chengdu, China in Oct or Nov this year, and an invitation was extended to the AAC member states/administrative on the AAC4 meeting.

2. DISCUSSION

2.1 A rich variety of course contents are included in the CNS&ATM workshop and training program, such as Operation and Maintenance System of ATMB CNS Equipment, Training Framework and Competency Management of the CNS Technician, Application and Development of Datalink/ATM Automation system/ Surveillance technologies/ Navigation system, UOM, Digital twins and AI etc. And experienced operation and technical experts from ATMB and industry will give lectures and share their knowledge to the attendees.

2.2 The schedule of the new workshop and training program has been adjusted based on the survey from last year. Some new contents such as navigation, digital twin, and drone management are added. Additionally, the duration of on-site visits has been increased. The specific schedule of the program can be found in Attachment A.

2.3 In order to guarantee the quality of the CNS&ATM workshop and training program and have the opportunity to communicate with all the attendees, a maximum of 5 attendees per ANSP is appreciated. And the attendees with some relevant working experience would be preferred.

2.4 Up to now, we still have more than 20 places available. If you are interested to attend the workshop and training program for CNS/ATM, please send email to hlgao_atmb@foxmail.com before 4 July (including the estimated attendance number, contact information for receiving the invitation letter etc.). Details and invitation letter will be sent to the inclined ANSP in August.

2.5 Noted that, the same as last year, we do not charge registration fees and training expense. And transportation to/from host city in Chengdu, China, accommodation expenses and insurance would be the responsibility of attendees.

3. ACTION BY THE MEETING

3.1 The meeting is invited to:

- a) note the information contained in this paper; and
- b) actively participate in the workshop and training program mentioned above; and
- c) discuss any relevant matter as appropriate.

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Attachment A to WP/32

Training and Workshop Program

Course		Training and Workshop for CNS/ATM	
Location		Chengdu, China	
Duration		2 weeks	
Date		Oct or Nov, 2025（14 days, including weekends）	
Schedule			
Date	Time	Training and Workshop Content	
Day1 Sun		Arrival to Chengdu, China pick-up service from Airport to the hotel	
Day2 Mon	AM	Opening Session	
		Course Modules 1 An Overview of the CAAC ATMB and ATM in China	
	PM	Course Modules 2 An Overview of CNS in China	
	Other	Welcome Dinner	
Day3 Tue	AM	Course Modules 3 Operation and Maintenance Management of the CAAC ATMB CNS Equipment	
	PM	Course Modules 4 Training Framework and Competency Management of the CNS Technician	
Day4 Wed	AM	Course Modules 5 Application and Development of VHF Datalink	
	PM	Course Modules 6 Introduction of the G/G Communication Technology in CAAC ATMB	
Day5 Thu	AM	Course Modules 7 Introduction of the ATM Automation System in CAAC ATMB	
	PM	Course Modules 8 Introduction of Navigation system in CAAC ATMB	
Day6 Fri	AM-PM	Visit Modules 1 Visit to Southwest China Regional ATMB	
Day7 Sat		Weekend	
Day8 Sun		Weekend	
Day9 Mon	AM	Course Modules 9 Exploration of Remote Digital Tower Construction Course Modules 10Application and Development of Tower ATM Automation System	

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	PM	Course Modules 11 Application and Development of Surveillance technology
Day10 Tue	AM	Course Modules 12 Digital twins and AI
	PM	Course Modules 13 UOM (UAS Operation and Management)
Day11 Wed	AM	Course Modules 14 Application and Development of ATM Automation System
	PM	Course Modules 15 On-site Teaching and Practice
Day12 Thu	AM- PM	Visit Modules 2 Visit the exhibition hall of CDATC
	Other	Cocktail/Farewell Dinner
Day13 Fri	AM	Summary and Graduation Ceremony Trainees Representative Speech, Issue Certificates
	PM	Departure
Day14 Sat		Departure