



ICAO

*International Civil Aviation Organization*

**Twenty Eighth Meeting of the Communications/  
Navigation and Surveillance Sub-group (CNS SG/28)  
of APANPIRG**

*Bangkok, Thailand, 1 July – 5 July 2024*

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**PROVISIONAL AGENDA**

- Agenda Item 1:** Adoption of agenda
- Agenda Item 2:** Review outcomes of APANPIRG, APAC ANSP Committee, ATM Sub-group, MET Sub-group and other meetings relevant to CNS Sub-group
- Agenda Item 3:** Aeronautical Fixed Service (AFS)
- 3.1. Review Report of the Eleventh Meeting of the Aeronautical Communications Services Implementation Coordination Group (ACSICG/11) including:
- Report of the Twelfth Meetings of Common Aeronautical VPN Operations Group (CRV OG/12)
  - Report of CRV Seminar for Pacific States
- 3.2. Other AFS related matters
- Agenda Item 4:** Information Management (IM)
- 4.1 Review Report of the Eighth and Ninth Meeting of System Wide Information Management Task Force (SWIM TF/8 and SWIM TF/9)
- 4.2 Proposal for Amendment to Annex 10 Vol II for initial implementation of the flight and flow information for a collaborative environment (FF-ICE) services provisions
- 4.3 Outcomes of SWIM Events
- 4.4 Other IM related matters
- Agenda Item 5:** Aeronautical Mobile Communications Service and Aeronautical electromagnetic spectrum utilization
- 5.1 Review Report of the Eighth Meeting of Spectrum Review Working Group (SRWG/8)
- 5.2 Update on status of datalink applications and VHF capability sharing by States
- 5.3 Outcomes of ITU WRC-23

- 5.4 Other issues related to aeronautical communications service and aeronautical radio spectrum management, especially on 5G implementation and potential impacts to aircraft radio altimeters

**Agenda Item 6:** Navigation

- 6.1 Review Report of the Eleventh Meeting of Performance based Navigation Implementation Coordination Group (PBNICG/11)
- 6.2 Review Report of the Sixth Meeting of GBAS/SBAS Implementation Task Force (GBAS/SBAS ITF/6)
- 6.3 GNSS Interference and Mitigating Measures
- 6.3 Outcomes of Workshop on Oversight of IFPs
- 6.4 Other navigation related matters

**Agenda Item 7:** Surveillance

- 7.1 Review Report of Ninth Meeting of the Surveillance Implementation Coordination Group (SURICG/9), including:
  - Report of the Fourth Meeting of the Surveillance Study Group (SURSG/4)
- 7.2 Other surveillance related matters

**Agenda Item 8:** Automation

- 8.1 Review Report of the Fifth Meeting of ATM Automation Systems Task Force (ATMAS TF/5)
- 8.2 Other automation related matters

**Agenda Item 9:** Regional implementation review and updates

- 9.1 Updates on Seamless ANS Plan v4.0
- 9.2 Workshop on Seamless ANS Reporting Tool and performance dashboard
- 9.3 Updates on State's National ANP and elements related to CNS
- 9.4 Beijing Declaration implementation related to CNS
- 9.5 Contingency Planning for CNS/ATM Infrastructure

**Agenda Item 10:** Review status of CNS deficiencies (APANPIRG Deficiency List)

**Agenda Item 11:** Capacity Building, including Human Factors and Air Traffic Safety Electronics Personnel (ATSEPs) related training

**Agenda Item 12:** Cybersecurity of CNS/ATM systems

12.1 Updates on ICAO International Aviation Trust Framework

12.2 Other Cybersecurity related matters

**Agenda Item 13:** Innovation and new technologies

13.1 Asia Pacific/Global events on Innovation and Capacity building

13.2 Sharing of States' initiatives on Innovation and New Technologies

**Agenda Item 14:** Any Other Business

**Agenda Item 15:** Date of next meeting

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