



ICAO

*International Civil Aviation Organization***THE THIRTIETH MEETING OF THE  
COMMUNICATIONS / NAVIGATION AND  
SURVEILLANCE SUB-GROUP (CNS SG/30)  
OF APANPIRG***Bangkok, Thailand, 06 July – 10 July 2026***Agenda Item 15: Any Other Business****ORGANISATION OF FIRST ICAO GLOBAL COMMUNICATIONS, NAVIGATION,  
SURVEILLANCE, AND SPECTRUM SYMPOSIUM (CNSS 2026)**

(Presented by the Secretariat)

**SUMMARY**

This paper presents information on the organisation of the First ICAO Global Communications, Navigation, Surveillance, and Spectrum Symposium (CNSS 2026) for the meeting information.

**1. INTRODUCTION**

1.1 Modern-day aviation is not the same as a few years ago. Technological innovation and modernisation are advancing at an ever-increasing pace. Major technological milestones are often not implemented harmoniously by ICAO Member States. To avoid unequal and incompatible implementation of new Communications, Navigation, Surveillance and Spectrum / Air Traffic Management (CNSS/ATM) technologies, ICAO is continuing to improve the process for developing and adopting ICAO regulatory provisions and achieving consensus for timely and effective rollout.

1.2 With the emergence of advanced operational concepts such as System-Wide Information Management (SWIM) and multidisciplinary initiatives like Flight and Flow Information for a Collaborative Environment (FF-ICE), Communications, Navigation, Surveillance, and Spectrum Systems (CNSS) are becoming increasingly integrated and interdependent. This convergence is fundamental to enabling the realisation of Trajectory-Based Operations (TBO).

1.3 ICAO will convene the First ICAO Global Communications, Navigation, Surveillance, and Spectrum Symposium (CNSS 2026) in Kotor, Montenegro, from 12 to 15 October 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 As CNS systems continue to evolve, with increasing reliance on digital technologies and more sophisticated waveform designs, the associated technical standards, including SARPs, have necessarily grown in complexity to ensure global interoperability. By adopting a holistic approach that considers both airborne and ground-based CNS elements, together with the development of technology-agnostic requirements, it becomes possible to advance towards a globally harmonised concept of operations supported by interoperable, scalable infrastructure.

2.2 ICAO is organising its first Communications, Navigation, Surveillance, and Spectrum Symposium (CNSS 2026) as an Air Navigation World event. This global symposium will convene from 12 to 15 October 2026, in Kotor, Montenegro, generously hosted by the International Federation of Air Traffic Safety Electronics Associations (IFATSEA). The event theme is **Global CNS Week: Advancing Technology for Safer, Smarter Air Navigation**.

2.3 The purpose of this symposium is to explore how Communications, Navigation, and Surveillance (CNS) technologies – supported by reliable, interference-free radio-frequency spectrum – are transforming air navigation services. It will highlight how these technologies are responding to increasing airspace complexity, driving the digital evolution of air navigation services, and enabling next-generation operational concepts. Participants will also address emerging risks to CNS systems, including Global Navigation Satellite System (GNSS) radio frequency interference (RFI) jamming and spoofing, and potential radio altimeter interference, focusing on shared lessons learned, mitigation approaches, and improved information-sharing mechanisms to enhance resilience and maintain safe and uninterrupted air traffic operations.

2.4 ICAO HQ has issued State Letter Ref.: TC12/46.3 – 26/42 dated 30 April 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: [First ICAO Communications, Navigation, Surveillance, and Spectrum Symposium, an Air Navigation World Event \(ANW|CNSS 2026\)](#)

2.5 The Meeting is kindly requested to consider planning a delegation composed of regulators and service providers' personnel involved in CNS and spectrum management to attend the symposium.

### **3. ACTION BY THE MEETING**

3.1 The meeting is invited to:

- a) note the information contained in this paper;
- b) participate in the first ICAO Global Communications, Navigation, Surveillance, and Spectrum Symposium (CNSS 2026); and
- c) discuss any relevant matter as appropriate.

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Ref.: TC12/46.3 – 26/42

30 April 2026

**Subject:** First ICAO global Communications, Navigation, Surveillance, and Spectrum Symposium (CNSS 2026), Kotor, Montenegro, from 12 to 15 October 2026

**Action required:** a) plan for attendance; b) confirm attendance by online registration no later than 15 September 2026; and c) disseminate this letter as requested in paragraph 7

Sir/Madam,

1. I have the honour to invite you to participate in the International Civil Aviation Organization's (ICAO) first Communications, Navigation, Surveillance, and Spectrum Symposium (CNSS 2026), an Air Navigation World event. This global symposium will convene from 12 to 15 October 2026, in Kotor, Montenegro, generously hosted by the International Federation of Air Traffic Safety Electronics Associations (IFATSEA). The event theme is *Global CNS Week: Advancing Technology for Safer, Smarter Air Navigation*.

2. The purpose of this symposium is to explore how Communications, Navigation, and Surveillance (CNS) technologies – supported by reliable, interference-free radio-frequency spectrum – are transforming air navigation services. It will highlight how these technologies are responding to increasing airspace complexity, driving the digital evolution of air navigation services, and enabling next-generation operational concepts. Participants will also address emerging risks to CNS systems, including Global Navigation Satellite System (GNSS) radio frequency interference (RFI) jamming and spoofing, and potential radio altimeter interference, focusing on shared lessons learned, mitigation approaches, and improved information-sharing mechanisms to enhance resilience and maintain safe and uninterrupted air traffic operations.

3. Building on the theme, the symposium will explore the transformative impact of CNS innovation on the future air navigation ecosystem. It will facilitate networking opportunities, foster collaboration, and share practical insights among CNS community; civil aviation authorities, air navigation service providers, industry leaders, and subject-matter experts.

4. By bringing together diverse perspectives and operational experience, the symposium will provide a unique platform to strengthen collective understanding, encourage coordinated approaches, and support the safe, smart, resilient, and sustainable evolution of air navigation systems worldwide.

5. During the four-day event, sponsorship and exhibition opportunities will be available. All stakeholders interested in supporting the event – by hosting coffee breaks, lunches and receptions – and taking advantage of this opportunity to showcase their initiatives, products and services are invited to contact [icaoevents@icao.int](mailto:icaoevents@icao.int).

6. The event will be held in English. For the latest updates on the programme, sponsorship and exhibitor opportunities, venue details, as well as online registration, please visit the website: <https://www.icao.int/events/CNSS2026>. Please note that the website is updated regularly. Any queries regarding the symposium may be forwarded to [icaocnss@icao.int](mailto:icaocnss@icao.int).

7. I would kindly request that you consider planning a delegation composed of regulators and service providers personnel involved in CNS and spectrum management. Please nominate representatives of your government or organization to attend CNSS 2026 by submitting an official letter and completing the online registration no later than 15 September 2026. Registration fees will be waived for Member State participants and members of IFATSEA. I also encourage you to share information on this letter to relevant stakeholders in your State, such as airlines, airport operators, air navigation service providers, academia, research organizations as well as industry stakeholders.

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

Juan Carlos Salazar  
Secretary General