




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

<i>The Twenty-Ninth Meeting of the Communications, Navigation and Surveillance Sub-group (CNS SG/29)</i>							
<i>Bangkok, Thailand 16-20 June 2025 (UTC+7)</i>							
	09:00 -09:30		10:00-11:30	1h	12:30 - 13:30		14:00 - 15:30
Mon 16 June (Day-1)	<u>Session 1 (Opening Session): 30 min</u> Registration 08:00 - 08:45 <ul style="list-style-type: none"> ➤ Opening Remarks by ICAO Secretariat ➤ Introduction of Participants ➤ Administrative Information ➤ Group Photo Note: <ol style="list-style-type: none"> 1) Please use <u>IP/01-MEETING BULLETIN</u> for guidance to join the meeting. 2) Please download the meeting documents from <u>here</u>. 	COFFEE	<u>Session 2: 90 min</u> Agenda Item 1: Adoption of the Agenda <ul style="list-style-type: none"> ➤ WP/01 - Provisional Agenda - Sec Agenda Item 2: Election of Co-Chair Agenda Item 3: Review outcomes of APANPIRG, APAC ANSP Committee, ATM Sub-group, MET Sub-group and other Meetings and global CNS updates <ul style="list-style-type: none"> ➤ WP/02 - Review of Relevant Meetings – Sec ➤ WP/03 - Air Traffic Management Outcomes– Sec ➤ WP/04 - Relevant Outcomes from MET SG and other relevant meetings – Sec ➤ Updates from APAC ANSP Committee 	LUNCH	<u>Session 3: 60 min</u> Agenda Item 4: Aeronautical Fixed Service (AFS) <ul style="list-style-type: none"> ➤ WP/05 - Outcomes of AMC workshop and ACSICG12 – ACSICG Co-Chair ➤ WP/31- Future Bandwidth Requirements for CRV based on Outcomes of a Demonstration Event Hosted by Hong Kong China 	COFFEE	<u>Session 4: 90 min</u> Agenda Item 5: Information Management (IM) <ul style="list-style-type: none"> ➤ WP/08 - Outcomes of the SWIM Seminar – SWIM TF Co-Chair ➤ WP/06 - Review Report of SWIM TF/10 – SWIM TF Co-Chair ➤ WP/07 - Review Report of SIPG WS/1 and SIPG WS/2 – SWIM TF Co-Chair ➤ IP/02- APAC TBO Pathfinder - FF-ICE/R1 Laboratory Demonstration- Thailand


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

The Twenty-Ninth Meeting of the Communications, Navigation and Surveillance Sub-group (CNS SG/29) Bangkok, Thailand 16-20 June 2025 (UTC+7)							
	09:00 -10:00		10:30 - 12:00	1h	13:00 - 14:00		14:30 - 15:30
Tue 17 June (Day-2)	<u>Session 5:</u> 60 min Agenda Item 3: Review outcomes of APANPIRG, APAC ANSP Committee, ATM Sub-group, MET Sub-group and other Meetings and global CNS updates ➤ SP/02 – Global Developments Related to CNSS & GIS – Sec Agenda Item 6: Aeronautical Mobile Communications Service and Aeronautical electromagnetic spectrum utilization ➤ WP/09 - Outcomes of WRC-27 Workshop - Sec ➤ WP/10 - Review Report of SRWG/9- Sec	COFFEE (Sponsored by Harmony Tech Innovation)	<u>Session 6:</u> 90 min Agenda Item 6: Aeronautical Mobile Communications Service and Aeronautical electromagnetic spectrum utilization ➤ WP/27 - Outcomes of Survey for assessment of readiness for Amendment 91 to Annex 10, Volume III on SELCAL Codes Implementation - Sec ➤ WP/33 - Accelerating the LDACS Technique Development for Civil Aviation Application – China ➤ WP/34- AeroMACS 2.0 Project Progress in China ➤ IP/11 - Research and Application of Airport Surface Safety Technology based on AeroMACS – China	LUNCH (Sponsored by Harmony Tech Innovation)	<u>Session 7:</u> 60 min Agenda Item 6: Aeronautical Mobile Communications Service and Aeronautical electromagnetic spectrum utilization ➤ IP/03- Space-Based VHF Update- Australia ➤ IP/10 - Research and Application of A-G Data Link-Based Landing Information Interaction Technology for Inbound Flights – China ➤ IP/12 - Research Progress and Implementation Plans for VoIP Air-Ground Communications in China – China Agenda Item 7: Navigation ➤ WP/11- Review Report GBAS/SBAS ITF/7- Co-Chairs	COFFEE (Sponsored by Harmony Tech Innovation)	<u>Session 8:</u> 60 min Agenda Item 7: Navigation ➤ WP/13 - Outcomes of Flight Inspection and Procedure Validation Seminar - Sec ➤ IP/04 - Establishment and Validation of Australia's Backup Navigation Network - Australia ➤ IP/13 - Application of LDACS in Aviation Navigation Network - China ➤ IP/14 - GBAS Status Update in CHINA - China

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

The Twenty-Ninth Meeting of the Communications, Navigation and Surveillance Sub-group (CNS SG/29) Bangkok, Thailand 16-20 June 2025 (UTC+7)							
	09:00 -10:30		11:00-12:00	1h	13:00 - 14:30		15:00 - 16:00
Wed 18 June (Day-3)	<u>Session 9:</u> 90 min Agenda Item 7: Navigation <ul style="list-style-type: none"> ➤ WP/12 - Outcomes of Radio Navigation Symposium – Sec ➤ WP/28- Recommendation from Radio Navigation Symposium- Sec Agenda Item 8: Surveillance <ul style="list-style-type: none"> ➤ WP/14 - Review Report of SURICG/10 – SURICG Co-Chair ➤ WP/24 - ADS-B Quality Performance Monitoring - Japan ➤ IP/05 - ADS-B GNSS Performance Issues in Australia - Australia 	COFFEE (Sponsored by Aireon)	<u>Session 10:</u> 60 min Agenda Item 9: Automation <p>WP/15- Review Report of ATMAS TF/6 – Sec</p> Agenda Item 10: Regional implementation review and updates <ul style="list-style-type: none"> ➤ WP/16 - APAC Seamless ANS Plan V4.0 and ANS Reporting Tool Update – Sec ➤ WP/17 - Updates in e-ANP Vol II – Sec 	LUNCH (Sponsored by Saab)	<u>Session 11:</u> 90 min Agenda Item 10: Regional implementation review and updates <ul style="list-style-type: none"> ➤ SP/03 - ANS Reporting tool updates - Sec ➤ WP/19 - Delhi Declaration implementation status related to CNS – Sec ➤ WP/25 - Building a Disaster-Resilient Network - Japan Agenda Item 11: Review the status of CNS deficiencies (APANPIRG Deficiency List) <ul style="list-style-type: none"> ➤ WP/21 - Review Status of CNS Deficiencies – Sec 	COFFEE (Sponsored by Aireon)	<u>Session 12:</u> 60 min Agenda Item 12: Capacity Building, including Human Factors and Air Traffic Safety Electronics Personnel (ATSEPs) related training <ul style="list-style-type: none"> ➤ WP/20 - Supervisory and Managerial Roles of ATSEP- IFATSEA ➤ WP/26 - Support for the Build Sustainable Capacity – Japan ➤ WP/35- Hong Kong China's initiatives in supporting the ICAO Next Generation Aviation Professionals Programme- Hong Kong China

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

<i>The Twenty-Ninth Meeting of the Communications, Navigation and Surveillance Sub-group (CNS SG/29)</i>							
<i>Bangkok, Thailand 16-20 June 2025 (UTC+7)</i>							
	09:00 -10:00		10:30-12:00	1h	13:00 - 14:00		14:30 - 15:30
Thu 19 June (Day-4)	<u>Session 13:</u> 60 min Agenda Item 13: Cybersecurity of CNS/ATM systems <ul style="list-style-type: none"> ➤ SP/01 - Update on Trust Framework Activities - Sec ➤ WP/18 - Need for the creation of an APAC contributory body for the management and implementation of ICAO ANS Cybersecurity provisions – CRV OG and SWIM TF 	COFFEE (Sponsored by CETC Northwest Group)	<u>Session 14:</u> 60 min Agenda Item 14: Innovation and New Technologies <ul style="list-style-type: none"> ➤ WP/29 - Trials of using two-phase immersion cooling to enhance the ANS Systems' performance and energy efficiency– HK China ➤ WP/30 - Real-time Tracking of Outdoor Activities to Improve Safety and Emergency Response– HK China ➤ IP/06 - AIRNAV Maintenance Facility – Indonesia ➤ SP/06- Intelligent Baggage Thermal Detection and GNSS Interference Monitoring System - Aerovision ➤ SP/07 - Low-altitude Economy Status & Characteristics and Air Traffic Management - Harmony 	LUNCH (Sponsored by Aerovision)	<u>Session 15:</u> 60 min Agenda Item 14: Innovation and New Technologies <ul style="list-style-type: none"> ➤ SP/04 - Connected Aircraft and the Hyperconnected ATM – USA Agenda Item 15: Review of ToR and action items <ul style="list-style-type: none"> ➤ WP/23 - Review of ToR and action items – Sec 	COFFEE (Sponsored by CETC Northwest Group)	<u>Session 16:</u> 60 min Agenda Item 16: Any Other Business <ul style="list-style-type: none"> ➤ WP/22 - CNS Point of Contact (PoC) - Sec ➤ WP/32 - Implementation of a new CNS&ATM Workshop and Training program - China ➤ IP/07 - Invitation to the 60th DGCA Conference - Japan ➤ IP/09- Shaping the Future of Airspace Asia Pacific 2025– HK China Agenda Item 17: Date of next Meeting <ul style="list-style-type: none"> ➤ IP/08 - CNS Meeting Planning for 2026 – Sec

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

<i>The Twenty Ninth Meeting of the Communications, Navigation and Surveillance Sub-group (CNS SG/29)</i>			
<i>Bangkok, Thailand 16-20 June 2025 (UTC+7)</i>			
	09:00	10:00- 11:30	
Fri. 20 June (Day-5)	COFFEE (Sponsored by Aerovision)	<u>Session 17: 90 min</u> Agenda Item 16: Any Other Business <ul style="list-style-type: none"> ➤ <i>Next Meeting Date</i> ➤ <i>Any Other Business</i> ➤ <i>Review and finalization of Meeting Report</i> ➤ <i>Review of Action Items from CNS SG/29</i> ➤ <i>Closing Remarks</i> 	FAREWELL