

THE TWENTY SIXTH MEETING OF THE COMMUNICATIONS/NAVIGATION AND SURVEILLANCE (CNS SG/26) OF APANPIRG
5 – 9 September 2022, Video Tele-Conference
 (All time in Indochina Time/ICT, UTC +7)

<i>DATE</i>	<i>09:00 - 10:00</i>	<i>10:00 - 11:15</i>	<i>11:15 - 11:30</i>	<i>11:30 - 13:30</i>
<p>Mon. 5 Sep. (Day-1)</p>	<p><u>Session 1 (Opening Session):</u></p> <ul style="list-style-type: none"> ➤ <i>Opening Speech by Mr. Ma Tao, ICAO Regional Director</i> ➤ <i>Opening Remarks by Mr. Richard Wu, Chairman of the CNS Sub-group</i> ➤ <i>Introduction of participants</i> ➤ <i>Virtual Group Photo</i> ➤ <i>Administrative information</i> <p>Note:</p> <ol style="list-style-type: none"> 1) Please use IP/01- VIDEO TELE-CONFERENCE BULLETIN for guidance to join the meeting. 2) Download meeting documents from here. 	<p><u>Session 2:</u></p> <p>Agenda Item 1: Adoption of the Agenda</p> <ul style="list-style-type: none"> ➤ <i>WP/01 - Provisional Agenda - Sec</i> <p>Agenda Item 2: Review outcomes of APANPIRG/RASG Chairpersons review, APANPIRG/32 meeting, DGCA/57 meeting, ATM Sub-group and other major meetings relevant to CNS Sub-group</p> <ul style="list-style-type: none"> ➤ <i>WP/02 - Outcomes of APANPIRG/32, APANPIRG/32 Midyear Review and 9th PIRG-RASG Regional Coordination Meeting on CNS – Sec</i> ➤ <i>WP/03- Updates on CNS SG/25 and APANPIRG/32 Conclusions/Decisions and Action Items – Sec</i> ➤ <i>WP/04 - Relevant Action Items of 57th Conference of Directors General of Civil Aviation - Sec</i> ➤ <i>WP/32 – Air Traffic Management and Airspace Safety Monitoring Outcomes - Sec</i> 	<p style="text-align: center;">B R E A K</p> <p style="text-align: center;">(Sponsors Video from CDATC & Wisesoft)</p>	<p><u>Session 3:</u></p> <p>Agenda Item 3: Aeronautical Fixed Service (AFS)</p> <p>3.1 ACSICG/9 including: CRV OG/9 & 10 and Webinar on CRV Implementation</p> <ul style="list-style-type: none"> ➤ <i>WP/05 - Review the Report of ACSICG/9 – Sec</i> ➤ <i>IP/19 - Challenges Faced in Joining CRV – LKA</i> ➤ <i>IP/22 - Current Status of CRV Implementation in India – IND</i> ➤ <i>IP/02 - Outcomes of Webinar on CRV Implementation – Sec</i> <p>3.2 AMHS readiness for IWXXM</p> <ul style="list-style-type: none"> ➤ <i>WP/06 - AMHS Readiness Status for Supporting IWXXM Traffic of the States/Administrations – Sec</i> <p>3.3 Other AFS related issues</p> <ul style="list-style-type: none"> ➤ <i>WP/23 - ATS Messaging Management Centre (AMC) Updating – Sec</i> <p>Agenda Item 13: Discuss and share experience and application of new technologies, including big data analysis, artificial intelligence, Digital Tower, counter UAS detection and identification system, UTM, etc.</p> <ul style="list-style-type: none"> ➤ <i>Presentation/04 – Digital Towers: Resilience, Recovery, Refocus – Searidge</i>

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Tue. 6 Sep. (Day-2)	<p><u>Session 4:</u></p> <p>Agenda Item 4: Information Management (IM)</p> <p>4.1 Review Report of SWIM TF/6</p> <ul style="list-style-type: none"> ➤ WP/34 – Review Outcomes from MET SG/26 - Chair of MET SG & Sec ➤ WP/07 - Review Report of SWIM TF/6 – Sec <p>4.2 Other IM related issues</p> <ul style="list-style-type: none"> ➤ IP/21 - Status of Proof of Concept Based SWIM Project for Exchanging Aeronautical, Flight and Weather Data – IND <p>Agenda Item 5: Aeronautical Mobile Communications Service and Aeronautical electromagnetic spectrum utilization</p> <p>5.1 Update on status of datalink applications and VHF capability sharing by States;</p> <ul style="list-style-type: none"> ➤ WP/26 - CAAC's Support for the Enhancement of AeroMACS SARPS and Technical Manual – CHN ➤ IP/09 - Verification of Air Traffic Control Services Based on Data-Link for All Flight Phases in China – CHN 	<p><u>Session 5:</u></p> <p>5.2 Review Report of SRWG/6</p> <ul style="list-style-type: none"> ➤ WP/08 - Review Report of SRWG/6 – Sec ➤ IP/03 - Survey Result of the introduction of 50 kHz channel spacing for ILS and VOR facilities in the APAC region – Sec <p>5.3 Other related issues</p> <ul style="list-style-type: none"> ➤ WP/09 - Potential Impacts from 5G Implementation on Aircraft Radio Altimeters – Outcomes in Relevant Meetings and Regional Updates – Sec ➤ IP/04 - Outcomes of 5G/RA Webinar co-host with APT – Sec ➤ IP/07 - 5G Network within Airport Boundary – MYS ➤ WP/24 - Amendment 91 to Annex 10 Volume III on Selective Calling Codes – Sec ➤ IP/10 - Implementation and Application of VHF SELCAL in China – CHN ➤ IP/20 - Outcome of APG23-4 – Sec <p>Agenda Item 4: Information Management (IM)</p> <p>4.2 Other IM related issues</p> <ul style="list-style-type: none"> ➤ Presentation/05 – Advanced Digitization Facilitating Air Traffic Development - Huawei 	<p>B</p> <p>R</p> <p>E</p> <p>A</p> <p>K</p>	<p><u>Session 6:</u></p> <p>Agenda Item 6: Navigation</p> <p>6.1 Review Report of PBNICG/9</p> <ul style="list-style-type: none"> ➤ WP/10 - Review Report of PBNICG/9 – Sec <p>6.2 Review Report of GBAS/SBAS ITF/4</p> <ul style="list-style-type: none"> ➤ WP/11 - Review Report of GBAS/SBAS ITF/4- Sec <p>6.3 Update on Flight Inspection Guidance Material (FIGM);</p> <ul style="list-style-type: none"> ➤ WP/28 - Update of Flight Inspection Guidance Material (FIGM) - CHN & HKG <p>6.4 Other navigation related issues</p> <ul style="list-style-type: none"> ➤ IP/05 - ITU Circular Letter on Prevention of Interference to GNSS – Sec ➤ IP/11 - BDS Standardization Status in ICAO – CHN ➤ IP/12 - LEO Navigation Augmentation Concept, Constellation Construction Status and Civil Aviation Application Research in China – CHN ➤ IP/15 - A case of GNSS signal Outage in the Oceanic Airspace in Japan – JPN ➤ IP/16 - Research and Development Activities related to GBAS in Japan – JPN ➤ IP/17 - SBAS status Update in Japan – JPN

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Wed. 7 Sep. (Day-3)	<p><u>Session 7:</u></p> <p>Agenda Item 7: Surveillance</p> <p>7.1 SURICG/7 including: SURSG/2, Mode S DAPs WG/5 and SURSG/2</p> <ul style="list-style-type: none"> ➤ <i>WP/13 - Review Report of SURICG/7 – Sec</i> <p>7.2 Other surveillance related issues</p> <ul style="list-style-type: none"> ➤ <i>WP/22 - Surveillance and DCPC VHF Coverage Maps Update – HKG & THA & Sec</i> ➤ <i>WP/30 - Inconsistent ICAO Aircraft Address and Target Identification Between Surveillance Data and Flight Plan – HKG</i> ➤ <i>IP/14 - Research on ADS-B Position Verification – JPN</i> 	<p><u>Session 8:</u></p> <p>Agenda Item 8: Automation</p> <p>8.1 Review Report of the Third Meeting of ATM Automation Systems Task Force (ATMAS TF/3);</p> <ul style="list-style-type: none"> ➤ <i>WP/14 - Review Report of ATMAS TF/3 – Sec</i> <p>8.2 Other automation related issues</p> <ul style="list-style-type: none"> ➤ <i>Nil</i> <p>Agenda Item 13: Discuss and share experience and application of new technologies, including big data analysis, artificial intelligence, Digital Tower, counter UAS detection and identification system, UTM, etc.</p> <ul style="list-style-type: none"> ➤ <i>Presentation/03 – Comprehensive Applications of the Radar-based Monitoring Systems in Airport - CETC Glarun</i> 	<p>B</p> <p>R</p> <p>E</p> <p>A</p> <p>K</p>	<p><u>Session 9:</u></p> <p>Agenda Item 9: Review and updates</p> <p>9.1 Seamless ANS Reporting Process including the ASBU regional performance dashboard /implementation plan</p> <ul style="list-style-type: none"> ➤ <i>WP/15 - Review of Regional CNS Requirements in ICAO APAC e-ANP, Seamless ANS Plan and Updates on National Air Navigation Plan (NANP) – Sec</i> ➤ <i>WP/33 – Updates on Seamless ANS Plan – Sec</i> ➤ <i>IP/18 - The Long-Term Vision for the Future Air Traffic Systems of Japan (CARATS) – JPN</i> <p>9.2 Update on ICAO GANP Study Group related to CNS</p> <ul style="list-style-type: none"> ➤ <i>IP/06 - Update on ICAO GANP Study Group related to CNS – Sec</i> <p>9.3 National ANP and elements related to CNS</p> <ul style="list-style-type: none"> ➤ <i>Presentation/02 - Global Developments Related to CNS – Sec</i> <p>9.4 Beijing Declaration implementation related to CNS</p> <ul style="list-style-type: none"> ➤ <i>WP/16 - Updates on Beijing Declaration Implementation Related to CNS – Sec</i> <p>Agenda Item 10: Review status of CNS deficiencies (APANPIRG Def. List)</p> <ul style="list-style-type: none"> ➤ <i>WP/17 - Review Status of CNS Deficiencies – Sec</i>

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<p>Thu. 8 Sep. (Day-4)</p>	<p>Session 10:</p> <p>Agenda Item 12: Cybersecurity of CNS/ATM systems 12.1 Updates on ICAO International Aviation Trust Framework</p> <ul style="list-style-type: none"> ➤ <i>Presentation/01 - Updates on ICAO International Aviation Trust Framework – Sec</i> <p>12.2 Other Cybersecurity related issues</p> <ul style="list-style-type: none"> ➤ <i>WP/31 - Ensuring Cyber Resilience for Air Navigation Service in Hong Kong International Airport and Its Expansion – HKG</i> <p>Agenda Item 11: Human Factors and Air Traffic Safety Electronics Personnel (ATSEPs) related training 11.1 Review outcomes of small working group study on human factor issues of ATSEP</p> <ul style="list-style-type: none"> ➤ <i>WP/18 - Review Outcomes of Small Working Group Study on Human Factor Issues of ATSEP – IFATSEA & Sec</i> ➤ <i>WP/25 - Standardizing the ATSEP Training for the Successful Implementation of the GANP – NPL</i> 	<p>Session 11:</p> <p>Agenda Item 13: Discuss and share experience and application of new technologies, including big data analysis, artificial intelligence, Digital Tower, counter UAS detection and identification system, UTM, etc.</p> <ul style="list-style-type: none"> ➤ <i>WP/27 - Trial Flight and Standard Establishment of UAS-Based Flight Inspection in China – CHN</i> ➤ <i>WP/29 - Provision of a Digital Tower and APRON Management System to Support Safe and Efficient Operation of the Hong Kong International Airport and Its Expansion – HKG</i> ➤ <i>IP/08 - Development of Digital Tower Prototype at Changi Airport – SGP</i> ➤ <i>Presentation/06 - Experience Sharing on Digital Towers – SAAB</i> 	<p>B</p> <p>R</p> <p>E</p> <p>A</p> <p>K</p>	<p>Session 12:</p> <p>Agenda Item 14: CNS related work/projects impacted by COVID-19</p> <ul style="list-style-type: none"> ➤ <i>WP/19- Impact of COVID-19 to CNS Works in 2022 – Sec</i> <p>Agenda Item 15: Any Other Business</p> <ul style="list-style-type: none"> ➤ <i>WP/12 - Tracking CNS-related APANPIRG Conclusions/Decisions – Sec</i> ➤ <i>WP/20 – CNS Points of Contact – Sec</i> ➤ <i>IP/13 - Flight Inspection Capability Building of CAAC for CNS Facility – CHN</i> ➤ <i>IP/23 - IATA’s Aircraft Equipage and Capability Survey – IATA</i> ➤ <i>Action Items Review - Sec</i> <p>Agenda Item 16: Dates of next meeting</p> <ul style="list-style-type: none"> ➤ <i>WP/21 - Future Meeting Plan - Sec</i>

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Fri 9 Sep (Day-5)	<u>Session 13</u> <ul style="list-style-type: none">➤ <i>Review Meeting Report</i>➤ <i>Closing Remark</i>