



Message from APAC Regional Director and The CNS Significant Achievements in 2020



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Regional Director

I would like to welcome all of you to the 24th Meeting of Communications, Navigation and Surveillance Sub Group of APANPIRG via video teleconferencing. The unprecedented situation of the pandemic has hindered our face-to-face interaction but I could see that more than 190 participants from 26 States/Administrations and 5 International Organizations have registered for participation in this meeting. Such large number of participants for this sub-group meeting indicates your concerns, your interests and significance of the meeting for information sharing and discussion on the common concerns regarding regional CNS/ATM system planning and implementation.

I would like to brief you on some significant events and progresses achieved in the various CNS areas since the last meeting of the Sub-group as this will provide a good background for the discussions to follow during the next few days. I am sure that your deliberations in this week will review more significant achievements and more challenges.

- **APANPRIG/30 adopted 4 CNS related Conclusions.** In addition, CNS SG/23 adopted 4 Decision and 9 Conclusions on behalf of APANPIRG on technical matters.
- **Flight Inspection and Procedure Validation (FIPV) Seminar** established an ad hoc group which successfully completed the ICAO APAC Flight Inspection Guidance Material.
- **Asia Pacific Cyber Safety and Resilience Workshop with Tabletop Exercise** held to develop awareness on cyber issues affecting aviation, and foster a cyber-safety culture that will promote a resilient and secure cyberspace.
- **SEA/BOB ADS-B WG/15** held to progress ADS-B implementation and data sharing in sub regions
- **CRV OG/7** adopted the CRV Operations Manual, proposed high level concept on the interconnection of the CRV with other regional networks. Eleven States/Administrations have joined CRV and implemented operations, additional Eight States/Administrations have plan to join CRV.
- **DAPs WG/3** explored the utilization of Mode-S DAPs data, Assignment of Interrogator Codes (IC) for MLAT and ADS-B and proposed the APAC regional roadmap.
- **SRWG/4** revised TOR to conduct simulation on VHF COM frequency assignment and expand its scope of work to cover Navigation systems with highlight on GBAS implementation.
- **SBAS/GBAS ITF/ 1 and SBAS/GBAS ITF/ 2** shared experience and developed the Action Item List.
- **APA TF/6 (AIDC TF)** highlighted new AIDC connections: OLDI between Shenyang and Khabarovsk; AIDC operational implementation between Kuala Lumpur and Chennai, Singapore and Kuala Lumpur, Bangkok and Kuala Lumpur, Bangkok and Vientiane, Manila ACC and Hong Kong, Manila and Singapore, Manila and Taipei.
- **ACSICG/7** revised Aeronautical Mobile Service (AMS) Strategy and Strategy for Implementation of the Air-Ground Data Link in the Asia/Pac Region. The meeting recommended to postpone the target year of regional implementation of CRV from 2020 to end of 2021.
- **SURICG/5** shared Operational Evaluation of Space-based ADS-B, proposed sharing surveillance data over SWIM/CRV, studied additional System Area Codes (SAC) for Surveillance Systems, presented Standards to Support Global Interoperability. Currently 30 States/Administrations installed ADS-B ground stations, 12 States issued ADS-B mandate and 8 States used ADS-B for separation and others for awareness, gap filling and redundancy.
- **PBNICG/7** updated PBN and CDO/CCO Implementation status.
- **ATM Automation System Seminar and TF /1** shared experience and information from CAA/ANSPs and industry. The meeting proposed the Recommended Functions and Performances of Air Traffic Management Automation System (Edition 0.0) as the basis to develop regional guidance.
- **SWIM TF/4** revised task structure, reviewed SWIM in ASEAN Demonstration Report and a joint demonstration led by Japan, China and Republic of Korea, conducted breakout session to progress various tasks.
