The Eighteenth Meeting of the Communications/Navigation and Surveillance (CNS SG/18) of APANPIRG
Beijing, China, 21-25 July 14

DATE	08:30 - 10:00	10:00 - 10:30	10:30 - 12:00	12:00 - 13:00	13:00 - 14:15	14:15 - 14:30	14:30 - 16:00
Mon. 21 July	➢ **08:30 - 09:00 Registration** (Registration Desk outside the conference Room) ➢ **09:00 – 10:00 Opening Session** Welcome remarks by Mr. Noppadol Pringvanich , Chief of ICAO Regional Sub Office in Beijing Address by Mr. Lo Weng Kee, Chairman of CNS SG Introduction of RSO (IP/16) Introduction of participants Administrative information (Li Nan) Group Photo (in front of the Conference Building) **Note:** to download the meeting documents, ICAO APAC website: http://www.icao.int/APAC/Meetings/Pages/2014-CNSSG18.aspx SSID: Public@ICAOBeijing PASSWORD: Welcome2icao	C O F F E E	Session 2: **Agenda Item 1:** **Adoption of the Agenda** ➢ *WP/01 – Provisional Agenda (Secretariat)* **Agenda Item 2:** **Review** **2.1 Relevant action items of the 50th DGCA Conference** ➢ *WP/2 Action Items of DGCA Conf./50 (Secretariat)* **2.2 Follow up to AN Conf/12 recommendations** ➢ *WP/3 - Follow-up to the 12th Air Navigation Conference Recommendations (Secretariat);* ➢ *WP/9 - System Wide Information Management (SWIM) Concept of Operation and Implementation Requirement (USA)*	L U N C H	Session 3: **Agenda item 3: Review** **3.1 Follow-up actions on reports of the CNS SG/17 and APANPIRG/24 Meetings** ➢ *WP/4-Review of Actions Plan on the Report of the Seventeenth CNS Sub-group and Twenty Fourth APANPIRG Meetings (Secretariat)* **3.2 Outcome of Sub-group Chairpersons Meeting** ➢ *WP/5-Priorities and Targets (Secretariat)* **3.3 Review outcome of other relevant meetings** ➢ *WP/6- FIT-ASIA/3 and RASMAG/19 Outcomes (Secretariat)*	B R E A K	Session 4: **Agenda Item 4: Aeronautical Fixed Service (AFS)** **4.1Review report of the First Meeting of the Aeronautical Communication Services Implementation Coordination Group (ACSICG/1) including development by CRV Task Force** ➢ *WP/7- Report of the First Meeting of the Aeronautical Communication Services Implementation Coordination Group (ACSICG/1) (Secretariat)* *WP/31-CRV Terms of Reference and Project Progress (Secretariat)*

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Tues. 22 July	Session 5: **4.1 Review report of the First Meeting of the Aeronautical Communication Services Implementation Coordination Group (ACSICG/1) including development by CRV Task Force (cont'd)** ➢ *WP/8-Asia and Pacific Common Regional Virtual Private Network (CRV) Benefits (USA for Australia, Fiji, India, Japan, New Zealand, Singapore, Thailand and USA)* ➢ *WP/35-Asia/Pacific Common Regional Virtual Private Network (CRV) Concept of Operations (USA)*	C O F F E E	Session 6: **4.1 Review report of the First Meeting of the Aeronautical Communication Services Implementation Coordination Group (ACSICG/1) including development by CRV Task Force (cont'd)** ➢ *WP/32-Draft Management Service Agreement for the Stage 1 of the CRV Project (Secretariat)* ➢ *WP/33-Proposal for the Provision of a same Project Budget for each State/Administration Participating in the Stage 1 of the CRV Project (Australia, Fiji, India, New Zealand, Singapore, Thailand and USA)* ➢ *WP/25-Request for Information (RFI) for the Asia Pacific (Thailand)*	L U N C H	Session 7: **4.1 Review report of the First Meeting of the Aeronautical Communication Services Implementation Coordination Group (ACSICG/1) including development by CRV Task Force (cont'd)** ➢ *IP/11-DSNA Contribution to CRV Procurement (New Zealand on behalf of France)* ➢ *IP/12-AMHS and AFTN Implementation Tool on Website (Secretariat)* **4.2 Review and adoption of the Pan Regional AIDC ICD and other AFS related issues** ➢ *WP/17-PAN Inter-Regional ICD for AIDC Secretariat* ➢ *IP/14-IP-VPN Ground/Ground Communication Network Using Commercially Available MPLS Network (India)*	B R E A K	Session 8: **4.3 Review outcome of COM coordination meetings** ➢ *IP/2-Outcome of COM Coordination Meeting (Secretariat)* ➢ *IP/24 China AFS Implementation Status Report (Rev. 22/07/14)* **Agenda Item 5: Aeronautical Mobile Service (AMS)** **5.1 Discuss RCP/RSP Implementation Framework (APANPIRG Decision 24/33)** ➢ *IP/10-Progress on the work of the Operational Data Link Panel (OPLINKP) related to Performance Based Communication and Surveillance (PBCS)(Secretariat)* ➢ *WP/21-PBCS Guidance Material (New Zealand)* ➢ *WP/11-RCP/RSP Implementation Framework (Secretariat)* ***REMINDER: review WP/22-Navigation Strategy for the Asia/Pacific Region (Secretariat)and associated work***

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Wed. 23 July	Session 9: **5.1 Discuss RCP/RSP Implementation Framework (APANPIRG Decision 24/33) (cont'd)** ➢ *WP/19-PBCS in NZZO – Current FANS1/A Performance and Issues (New Zealand)* ➢ *WP/18-PBCS in NZZO – Post Implementation Monitoring (New Zealand)* ➢ *WP/20-EASA Report on Technical Issues Affecting VDL 2 and the ATN Baseline 1 Data Link Implementation in Europe (New Zealand)*	C O F F E E	Session 10: **5.2 Update on status of datalink applications by States** ➢ *IP/9-Implementation of DCL/D-ATIS/D-D-VOLMET in the New Zealand FIR (New Zealand)* ➢ *IP/20-CARATS on data link in continental area (Japan)* ➢ *IP/21-Updates on Departure Clearance Trial operation in Japan - (Japan)* **5.3 Other AMS related issues** ➢ *WP/26- Status of implementation of SATVOICE for ATS Communication in India (India)* ➢ *WP/10-SATCOM Communication in the Auckland (NZZO) Oceanic FIR (New Zealand)* ➢ *IP/3 AeroMACS Development Status Update (USA)* ➢ *IP/25 Status of AeroMACS trial in China (China)*	L U N C H	Session 11: **Agenda Item 6: Navigation** **6.1 Updates on national PBN implementation plan and PBN implementation issues** ➢ *IP/17- PBN Implementation Progress and ICAO Supports (Secretariat)* ➢ *IP/13-Progress on Implementation of ATN/AMHS, AIDC, ADS-B and PBN(Bangladesh)* ➢ *IP/19 –PBN implementation in NZZC and NZZO FIR (New Zealand)* ➢ *IP/26 Thailand PBN Implementation* **6.2 Discuss issues related to implementation of GNSS and review developments that have taken place in the Region** ➢ *WP/27-Implementation of GBAS in India (India)* ➢ *IP/18- Upper Airspace GNSS Preparatory Phase (Mongolia)* ➢ *IP/27 Progress on the Establishment of APAC Regional RAIM Prediction System(Thailand)*	B R E A K	Session 12: **6.3 Review outcome of Third/Fourth Meetings of Ionospheric Studies Task Force** ➢ *IP/6 Review of the Third and Fourth Meetings of Ionospheric Studies Task Force (ISTF/3 and ISTF/4) (Secretariat)* ➢ *WP/15-Current Status and Working Plan of Ionospheric Studies Task Force (Chairman- ISTF)* **6.4 Review Navigation Strategy** ➢ *WP/22-Navigation Strategy for the Asia/Pacific Region (Secretariat)* **6.5 Other radio navigation issues**

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Thur. 24 July	Session 13: **Agenda Item 7: Surveillance** **7.1 Review report of the Thirteenth Meeting of ADS-B Study and Implementation Task Force** ➢ *WP/23-Review Report of the Thirteenth Meeting of Automatic Dependent Surveillance – Broadcast (ADS-B) Study and Implementation Task Force (Secretariat)* ➢ *IP/18 – ADS-B Status - Revisit– (Mongolia)* **7.2 Discuss other surveillance related issues** ➢ *WP/34-Regional ADS-B Requirement for New Aircraft (Australia)* ➢ *WP/24-Enhancing Aviation Safety through Establishing of a Regional ADS-B Avionics Problem Reporting Database (APRD) (Hong Kong, China)*	C O F F E E	Session 14: **7.2 Discuss other surveillance related issues (cont'd)** ➢ *IP/4-Update on ADS-B Implementation (USA)* ➢ *IP/8-Southern Surveillance MLAT/ADS-B Implementation in New Zealand (New Zealand)* ➢ *IP/23-Surveillance Facilities Installation Planning and Implementation Status in Incheon International Airport (ROK)* **Agenda Item 8:Aeronautical electromagnetic spectrum utilization** **8.1 Preparations for WRC-2015** ➢ *IP/7-Outcome of Second and Third APT-APG Meetings Secretariat* **8.2 Review report of Regional Preparatory Group Meeting for WRC-2015** ➢ *IP/15-Outcome of Regional Preparatory Group for WRC-2015 (Secretariat)* **8.3 Review outcome of the Spectrum Review Task Force** ➢ *WP/12-Outcome of the First Meeting of Spectrum Review Working Group (SRWG/1) (Secretariat)*	L U N C H	Session 15: **8.4 Radio spectrum management related issues – introduction of new criteria for regional VHF spectrum coordination and approach to address the new operational needs in VHF voice communications** ➢ *WP/13-Use of a Refined Frequency Assignment Method in the APAC Region (Secretariat)* **Agenda Item 9: Review and updates** **9.1 Air Navigation Reporting Forms and Seamless ATM Reporting Form, Regional Performance Dashboard** ➢ *WP/16-ANRF, Seamless Reporting and Monitoring of Regional Progress (Secretariat)* **9.2 Review development of eANP and GANP** ➢ *WP/14-New Regional Air Navigation Plan (ANP) Template and Procedure for Amendment (Secretariat)*	B R E A K	Session 16: **9.2 Review development of eANP and GANP (cont'd)** *WP/36-Ad* ➢ *Hoc Working Group on eANP CNS Related Parts of eANP (Secretariat)* **9.3 Review TOR of CNS SG and other contributory bodies** ➢ *WP/29-Terms of Reference of the CNS Sub-group and other Contributory Bodies (Secretariat)*

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Fri. 25 July	Session 17: **Agenda Item 10: Review status of CNS deficiencies (APANPIRG Deficiency List)** ➢ *WP/30-Status of CNS Deficiencies (Secretariat)* **Agenda Item 11: Any other business** ➢ *WP/28-Safety Concern due to Stress and Fatigue on ATSEPs (India)* ➢ *IP/5-The Integration of Human Factors in Research, Operations and Acquisitions (USA)* ➢ *IP/22- Software on parts supply for aeronautical radio facilities (Japan)*	C O F F E E	Session 18: **Review Draft Report** Closure of the meeting	