58th Conference of Directors General of Civil Aviation Asia and Pacific Regions

Key Outcomes of APANPIRG/33

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Outlines

1) APANPIRG/33 Meeting - Overview

2) APANPIRG/33 Key Conclusions and Outcomes

3) APAC Air Navigation Priorities for 2023

4) Key Challenges in Air Navigation for APAC DGCAs

APANPIRG/33 Meeting - Overview

- 33rd APANPIRG Meeting was held in Bali, Indonesia from 22 to 24 November 2022 in the hybrid format

- Attended by 326 participants from 30 Member States, 2 SARs of China, and 7 International Organizations (ACI, CANSO, IATA, ICAO, IFALPA, IFATSEA and PASO)

- Meeting adopted 13 Conclusions and 1 Decision

- The APANPIRG/33 Meeting Report is available at https://www.icao.int/APAC/Meetings/Pages/2022-APANPIRG33.aspx

APANPIRG/33 Key Conclusions and Outcomes

APANPIRG/33 – Conclusions and Decision

List of Conclusions

Conclusion 33/1 - Proposal for Amendment to Asia/Pacific ANP Volume I, Table AOP I-1 and ANP Volume II, Table AOP II-1

Conclusion 33/2 - Publication of procedures for reporting of runway condition report and issuance of the SNOWTAM in AIP

Conclusion 33/3 - Assistance to APAC States that require assistance in AGA area including certification and surveillance of aerodromes

Conclusion 33/4 - State Action Plan for Establishment and Implementation of WHMP - Generic Template

Conclusion 33/5 - Provide clear direction on Doc 7030 Regional SUPPs publication requirements

Conclusion 33/6 - Revised Amendment of the Management Service Agreement for CRV project (RAS14801)

Conclusion 33/7 - Extension of CRV Contract for one year

Conclusion 33/9 - The Asia-Pacific SWIM Implementation Timeframe and inclusion of the Asia/Pacific SWIM Implementation in the Asia/Pacific Seamless ANS Plan

Conclusion 33/10 - Planning Principle for Aeronautical Frequency Bands of 108-117.975 MHz, 960-1215 MHz and 117.975-137 MHz

Conclusion 33/11 - Revised Surveillance Strategy for the APAC Region

Conclusion 33/12 - WAFS, SADIS and WIFS upgrades

Conclusion 33/13 - 0.25-degree WAFS hazard data

Conclusion 33/14 - Update of Information in APANPIRG Air Navigation Deficiencies Reporting Form

List of Decision

Decision 33/8 - Harmonization of Timelines for SWIM-related Initiatives

APANPIRG/33 – Key Outcomes

➢ Monitor and track implementation of **Beijing Declaration**

➢ State Action Plan for Establishment and Implementation of Wildlife Hazard Management Programme (WHMP) - Generic Template

➢ Major Update of Asia/Pacific SAR Plan, primarily to include GADSS elements (ATM/SG)

➢ Major Update of Asia/Pacific Regional Framework for Collaborative ATFM (ATM/SG)

➢ Established the timeframe for the implementation of SWIM

➢ Revised Surveillance Strategy for the APAC Region

➢ Published ATM Automation System Implementation and Operations Guidance Document

➢ Advance preparation for planned upgrades to WAFS, SADIS and WIFS, including 0.25-degree WAFS hazard data

APANPIRG/33 – Key Outcomes (Cont'd.)

➢ ICAO APAC Webinars/Workshops/Seminars conducted:

- ATM (3 in 2022 and 3 in 2023)

- AOP (1 in 2022 and 2 in 2023)

- CNS (4 in 2022 and 7 in 2023)

- MET & ENV (3 in 2022 and 1 in 2023)

➢ States' and APANPIRG' Actions to resolve Air Navigation Deficiency

AN Fields	No of AN DEF resolved in 2021	No of AN DEF resolved in 2022
ATM/AIM/SAR/AOP/CNS/MET	16	13

Main Air Navigation Priorities for 2023

1) AOP:
   - Master Plan for Aerodromes and Transition from ICAO ACN-PCN to ICAO ACR-PCR Method of Reporting Aerodrome Pavement Strength
2) ATM:
   - Update the Asia/Pacific Seamless ANS Plan to Version 4
   - Update the Regional ATM Contingency Plan to further elaborate on lessons learned from major ATS disruptions in the last three to four years, and associated obligations of States

3) RASMAG
   - Identify and monitor Large Height Deviation (LHD) Hot Spots
   - Address and attempt to rectify the issue of rogue State aircraft operating in the RVSM band

<u>Main Air Navigation Priorities for 2023 (cont'd)</u>

4) CNS

- All States to join the CRV program before 31 December 2023

    22 Member States joined CRV.

- ATM Infrastructure Operations Capability Building in Lao PDR project completion

    Completed

- Publish the Asia Pacific Regional Aeronautical Radio Frequency Management Guidance Material

    Completed

Main Air Navigation Priorities for 2023 (cont'd)

5) MET

- Volcanic ash exercises (especially in PSIDS)

- Coordination of SIGMET information

- Dissemination of MET information in IWXXM form

- ICAO space weather service

- Amendment 81 of Annex 3, including the new PANS-MET

APAC Key Challenges in Air Navigation

❑ Recovery of ANSPs and aerodromes from the impact of COVID-19 pandemic

❑ Accelerate progress of Beijing Declaration Commitments in implementing the Priority Elements of APAC Seamless ANS Plan

❑ More resources to improve compliance with ICAO provisions

❑ Accelerate progress in development of NANP compatible with RANP

❑ More Effective Engagement of PSIDS in ICAO Meetings and important activities (Webinars, Workshops, etc)

❑ Unavailability of ATS in Kabul FIR – ongoing since 16 August 2021.

❑ Close resource shortage gap to support ANS infrastructure planning and implementation

APAC Key Challenges in Air Navigation (Cont'd)

❑ Need to accelerate progress in the resolution of air navigation deficiencies related to the AOP, ATM and AIM fields.

- Certification of 33 Aerodromes and Publication of Status of Certification of Aerodromes in AIP, AD 1.5 by 17 States

- AIS Quality Management System (Annex 15): 20 States

- WGS-84 Requirements (Annex 15): 9 States

- SAR capability (Annex 12): 32 States

THANK YOU