



ICAO BANGKOK

UNITING AVIATION

Dialogue: APAC Implementation Support

ICAO Briefing

APAC RO/26 January 2024





Briefing from:

- Flight Safety Section
- ATM Section
- CNS Section
- AGA Section
- MET / ENV Section
- Aviation Security Section
- PSIDS Liaison Officer



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SAFETY

Safety Priorities for 2024

- Strengthened safety of civil aviation at the regional level;
 - Assist States in the implementation of policies and provisions in order to strengthen the safety oversight competencies of states.
 - Coordinate/Conduct regional training and workshops supporting states in enhancing Safety Oversight competency.
 - Organize, conduct and monitor Technical Assistance Missions to states in the APAC region, in order to improve regional and state EI score.
 - implementation of the Global, Regional and National Aviation Safety Plans;
 - Follow up and Monitor States for the development and implementation of their NASP
 - Monitor bi-annually the progress of implementation of AP-RASP and APAC regional States NASPs



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SAFETY

- Assist States in the implementation of SSP and SMS
 - Coordinate and conduct SSP implementation Training Sessions, work shops or Seminars in order to enhance SSP implementation in APAC
- Promote and support the establishment, operation and sustainability of regional/sub-regional cooperation programmes /projects (RSOO, COSCAP, RAIO, ARCM, etc.)
 - Coordinate and conduct seminars, workshops in APAC AIG raising awareness on Global RAIOs and promoting establishment of independent AIAs or RAIO
 - Organize, conduct and follow up on actions for annual regional AIG meeting supporting implementation of decisions / Conclusions by the States

2024 Priorities (ATM Section)

01 Contingency Management

02 AIS/AIM Go Team

03 ATM and AIS Service Delivery Improvement

Contingency Management

Contingency Management Workshop (2Q 2024)

- Your participation as a champions State
- Lessons learned (success and failure)
 - ATC automation outage/failure
 - Surveillance outage
 - NOTAM service disruption
 - Meteorological phenomena (volcanic eruption, tropical cyclone, etc.)

Regional Contingency Plan Update (version 4.0) in 2024

- Active participation as a champion State

2024 and onwards

Subject Matter Experts and Funds are required



AIS/AIM Go Team

APANPIRG AIM-related Deficiencies

- WGS-84: 8 States
- AIP Format: 2 States
- AIS QMS: 20 States
- Aeronautical Data: 1 State
- Restricted Areas: 2 States
- Airspace classification: 4 States

- familiarize the State with the most recent changes to Annex 15 and consequential relocation of some SARPS into procedures in PANS-AIM and the updated ICAO Doc 8126 - AIS Manual;
- provide detailed familiarization with and interpretation of contents and guidance in Doc 8126, Doc 9839 Quality Manual and Doc 9919 AIS Training Manual;
- provide an overview of other AIM-related publications such as Doc 9881 eTOD/AMDB Manual, Doc 9674 WGS-Manual and Doc 8697 Charting Manual;
- familiarization with the latest aviation industry AIM tools, systems and best practices;
- workshop activity to develop State AIS/AIM plan.



2024 and onwards

Subject Matter Experts and Funds are required

ATM and AIS Service Delivery Improvement

Missions be undertaken to selected States to examine and make recommendations on:

Air Traffic Control (ATC) operations including:

- Airspace classification and determination of services (e.g. surveillance-based separation, procedural separation);
- Separation minimums applied;
- ATM automation system capability usage;
- Flight plan and associated ATS message handling;
- Structure, content and accessibility of operational procedure manuals, formal coordination and similar agreements, operational checklists, etc; and
- Operating environment, operational supervision and work practices within ATC units;

AIS operations, including;

- Existence and quality of, and regulatory support for, formal agreements between aeronautical data originators and the AIS;
- Processes for reception handling of aeronautical data;
- Processes for production of aeronautical information products, and the quality management applied;
- Analysis of current AIP and other aeronautical information products, with a focus on consistency of information and evidence of quality management problems.

Projects in 2023 contributed by USA

Nepal	24 – 28 April 2023
Philippines	29 May – 2 June 2023
Bhutan	13 – 17 November 2023
Sri Lanka	20 – 24 November 2023

2024 and onwards

Subject Matter Experts and Funds are required



ANS Infrastructure Planning, Implementation and Operations (refer to A41-8)

- Support ADS-B implementation in LDCs
- GNSS vulnerability
 - *promote awareness and share best practices*
- IWXXM information traffic over AMHS
- CNS/ATM planning and management
 - *Resilience and Redundancy, disaster recovery, life cycle management*
- ATM Infrastructure Operations Capability Building in LDCs
 - *Onsite expert support, hands-on training*
- **Support to APAC States for SWIM Implementation**
 - *Conduct training sessions for SWIM fundamentals and other required knowledge sharing session*
 - *Conduct brainstorming session to work on various use cases for SWIM implementation*
- **Support APAC/Pacific states who have not implemented CRV to implement CRV**



2024 Main Priorities in AOP Field

- 1) Implementation of GRF
- 2) Transition from ICAO ACN-PCN to ICAO ACR-PCR method of reporting bearing strength of aerodrome pavements
- 3) Workshop on new OLS requirements
- 4) Guidance and training on aeronautical studies
- 5) Safety management of ground handling services
- 6) Improvement of APAC USOAP EI in AGA from 61.2% (June 2023) to GASP 2022 – 2025 Target of 75%

By 2023: Total 325 out of 355 international aerodromes certified.
Resolved 11 Air Navigation Deficiencies in AOP fields.



2024 Work Plan Priorities – Aeronautical Meteorology

- Implementation of IWXXM
- Regional MET forums
- Regional SIGMET tests
- Regional OPMET monitoring
- Volcanic ash exercises
- Regional guidance materials



2024 Work Plan Priorities – Environmental Protection

- State Action Plans (SAP)
 - ICAO State Action Plan Buddy Program
- CORSIA
 - ACT-CORSIA Buddy Partnerships
- ICAO Assistance, Capacity-building and Training for Sustainable Aviation Fuels (ICAO ACT-SAF)
 - ACT-SAF Feasibility Studies

— AVIATION SECURITY & FACILITATION

Coordination of complementary assistance activities efforts to avoid duplication of efforts, and which may include delivering joint missions where practicable., e.g.:

- CAT-AVSEC mission (more focused on assistance for operational implementation of avsec measures - that may entail follow-up assisting actions) and focus on identification and resolving of actual or potential SSeCs

Providing support to States that may not be in ICAO's capacity e.g. security equipment and screening training/certification CBT systems, complementary training to ICAO ASTPs, provision of AVSEC tools (e.g. QC database), sharing of good practices (e.g. establishing NATFC) etc.

2024 PSIDS Liaison Office Workplan Priorities – *Activities and Projects*

➤ **Priorities for Project Development and Support**

- SAR project ready to be commenced (already funded by voluntary contributions from Saudi Arabia)
 - Need project SAR expert (potential CDI assistance)
- Regulatory Development Workshop
- Government Safety Inspector Training (potential USA support)
- ATS equipment and network communications needs analysis and implementation plan
 - ICAO proposal arising from CRV Seminar and CRV OG/12 held in Nadi this week
 - Current communications network reliability and maintainability challenges
 - Readiness for SWIM transition (and PANS-ATM ATS messages 'sunset date') 2030
- Further development of initial project proposals for PSIDS States
- Funds donated by Singapore and USA
- Will also require provision of technical experts for activities and projects

Other ICAO activities

- CRV Seminar and CRV OG/12, Nadi, Jan 2024
- USAP Auditor Training, Nadi, June 2024

Currently 18 project proposals
to be rationalized/prioritized

- PSIDS' needs and priorities
- PSIDS' capacity to engage
and effectively implement

2024 PSIDS Liaison Office Workplan Priorities – *Engagement with PSIDS*



Engagement with PSIDS

- ICAO-State relationship development
- Understand the individual needs of each of the PSIDS
- Programme of visits, increased consultation, other opportunities (ICAO and other meetings, conferences)
- Supplement/enhance ICAO communications



Programme of visits to PSIDS - 2024

- Travel supported by Government of Fiji and donor funds
- Provisional 2024 visit plan
 - Feb – Mar Cook Islands, Kiribati, Tonga
 - Apr – May Samoa, Tuvalu, Vanuatu
 - June Marshall Islands, Federated States of Micronesia, Palau
 - July Papua New Guinea, Nauru, Solomon Islands

2024 PSIDS Liaison Office Workplan Priorities – *Engagement with Donors/Stakeholders*

➤ **Engagement with donor States and other stakeholder organizations**

- Ongoing engagement with donor/supporting States
- World Bank 29 Jan (Nadi)
- PASO GM 6 Feb (Nadi)
- Pacific Islands Forum Secretariat 9 Feb (Suva)
- Others to follow

➤ **Collaboration, Cooperation**

- Importance of collaboration between all parties
- Avoid duplication of effort
- Full understanding of other programmes
- Coordination of ICAO activities and projects

Contact?

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Paris

Middle East
(MID) Office
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THANK YOU