

39th Meeting of the Informal South Pacific Air Traffic Services Coordinating Group (ISPACG/39)

Monitoring Agency Activities in South Pacific Airspace

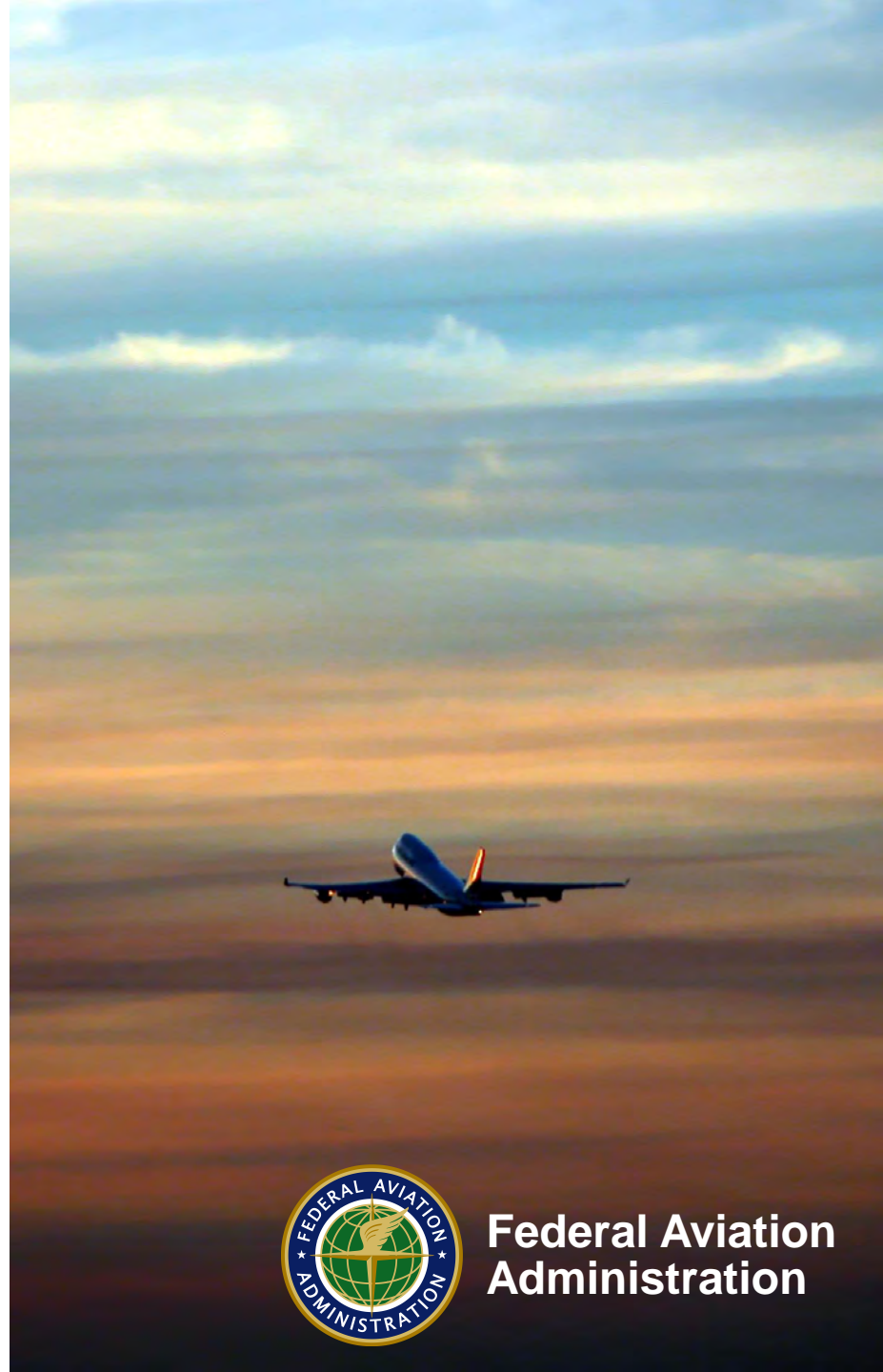
FIT/32 Agenda #2 – PARMO Update

Prepared by: PARMO

Date: April 2025



**Federal Aviation
Administration**

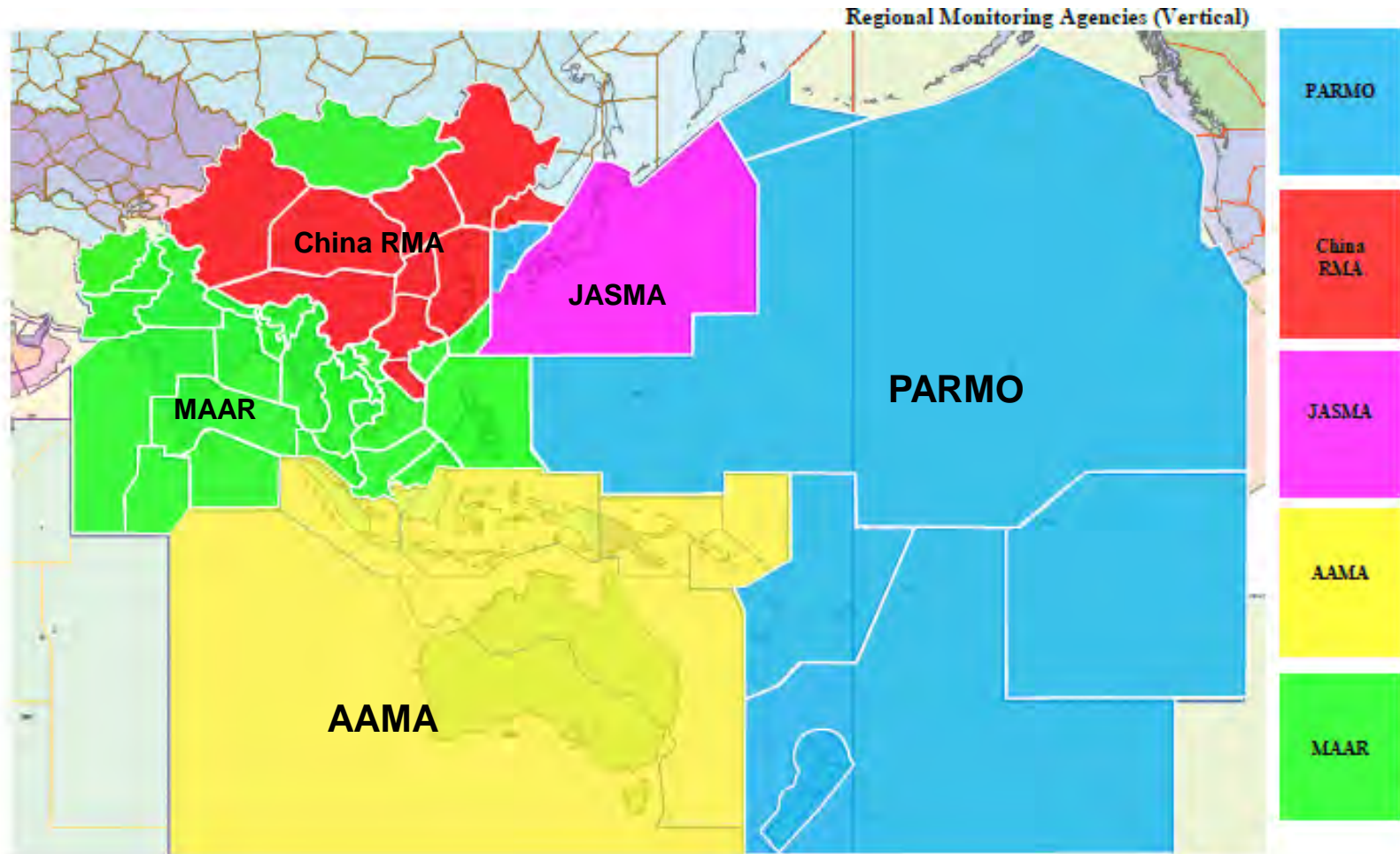


Overview

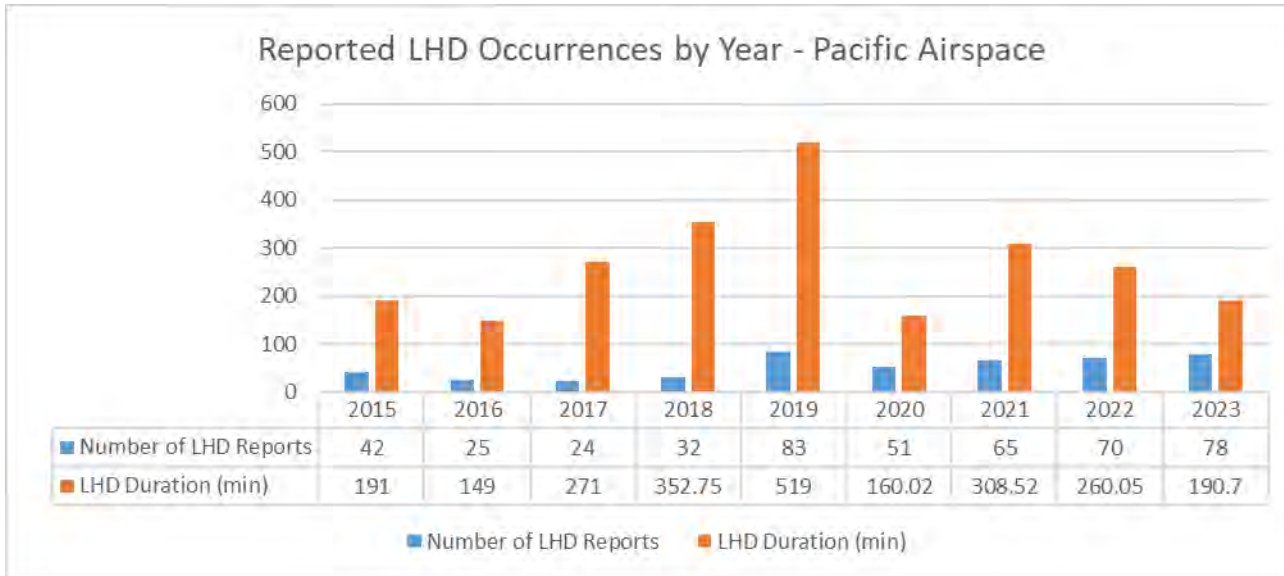
- **Pacific Approvals Registry and Monitoring Organization (PARMO)**
- **Annual reports to RASMAG/29**
- **Action for the Meeting (Reminders)**



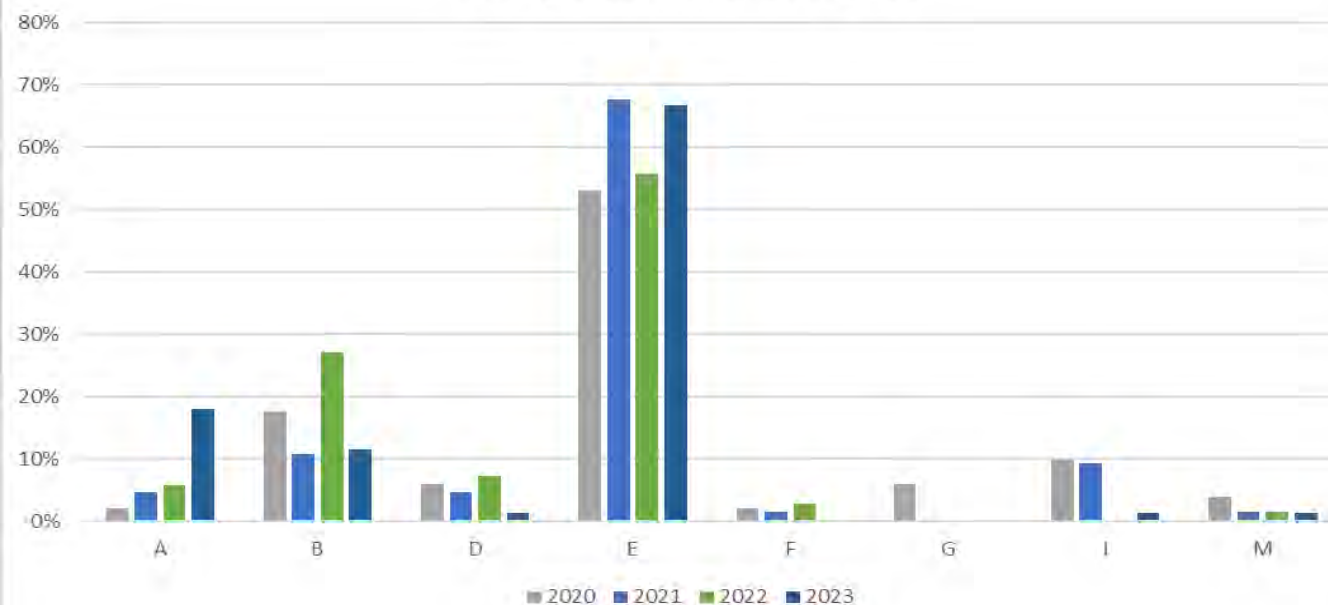
Monitoring Agencies for Pacific Airspace



PARMO Summary of Vertical Collision Risk Estimates



LHD by Cause - Pacific Airspace



A Failing to climb/descend as cleared

B Climbing /descending without ATC clearance

D ATC loss of situational awareness

E ATC coordination error as a result of human factors issues

F ATC coordination errors as a result of technical issues

G Aircraft contingency event

I Turbulence

M Other

LHD Reports Submitted to PARMO (RASMAG/29)

Pacific Reported LHDs 2023 (Risk-bearing)

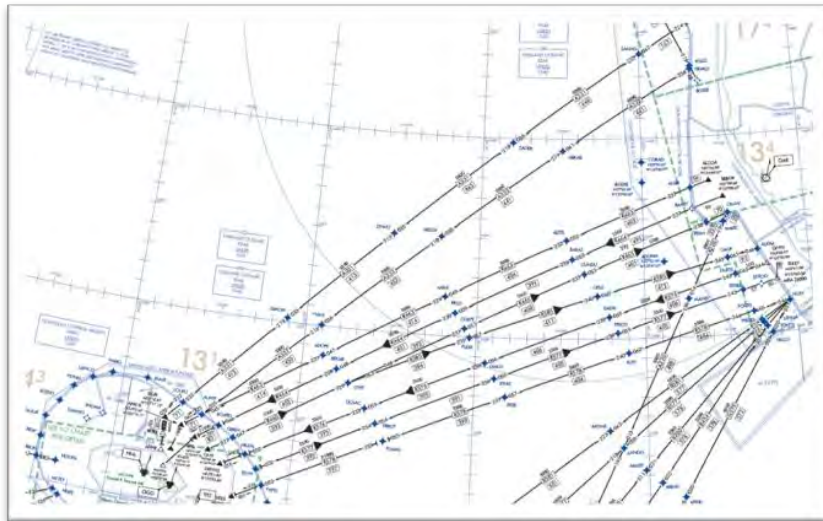
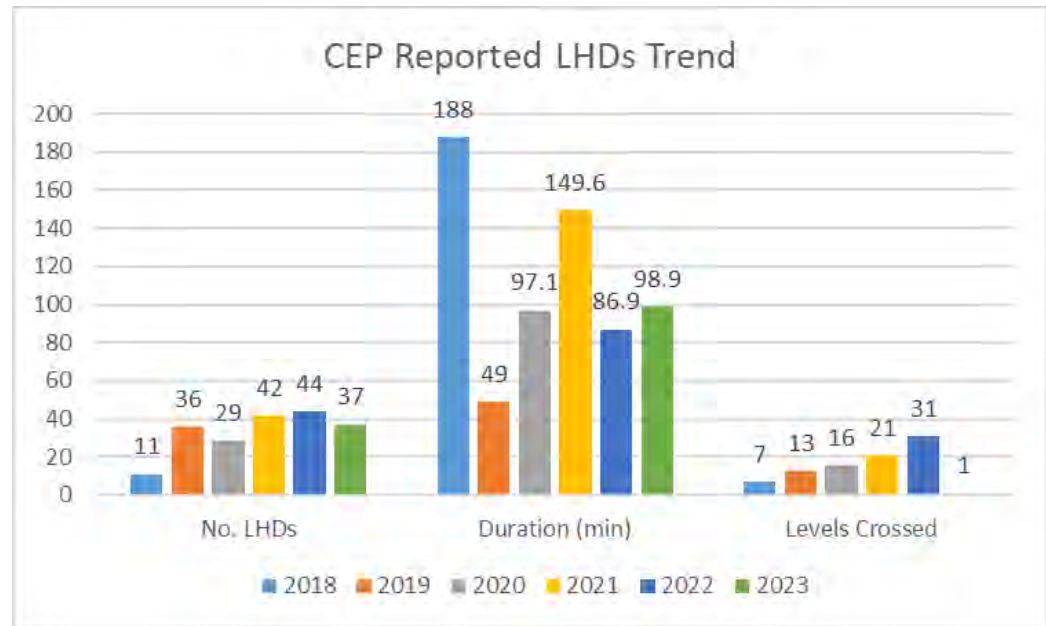


Most occurrence reports involved ATC-unit to ATC-unit transitions



RASMAG “Hot Spot” N

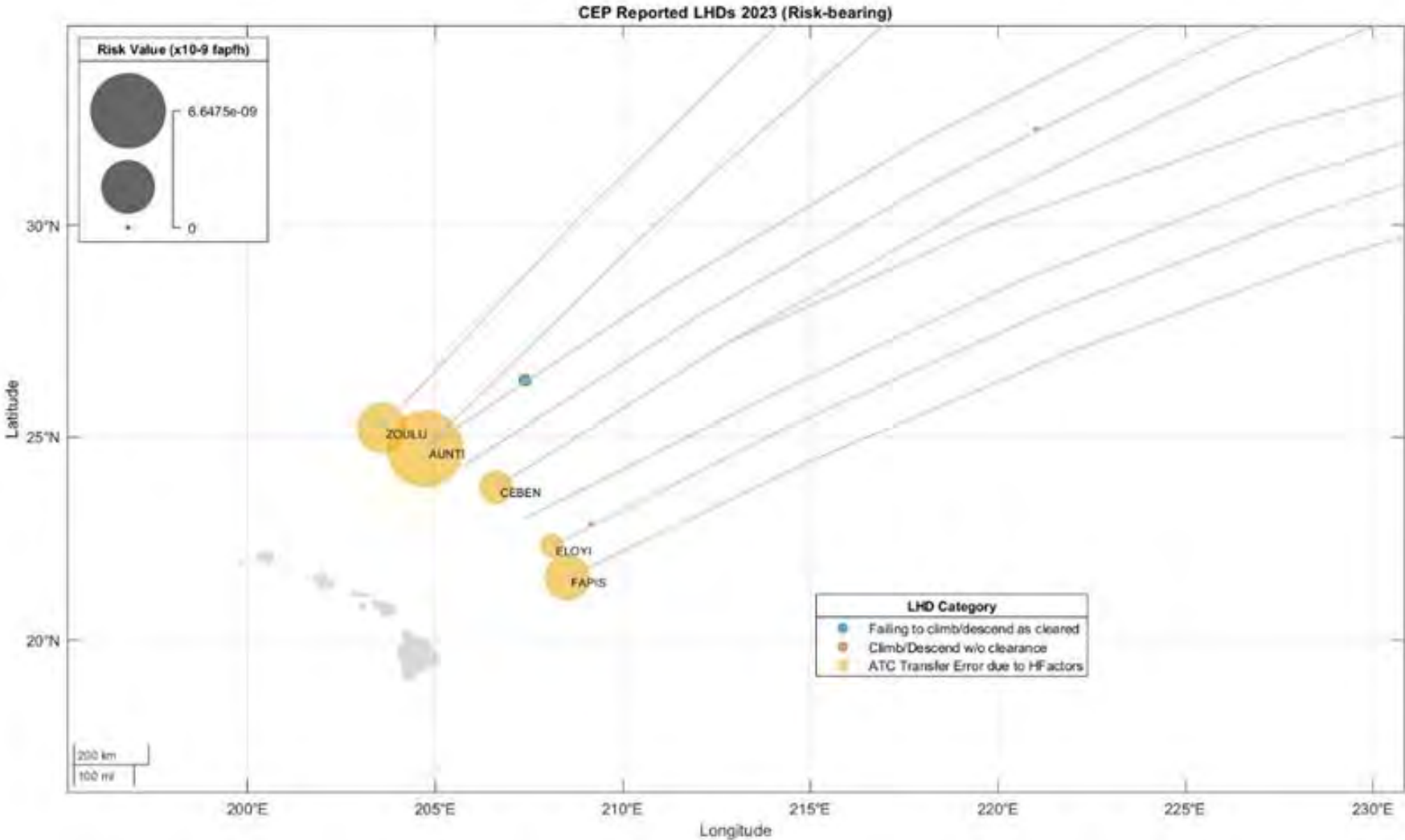
Central East Pacific (CEP)
is the airspace between
North America and Hawaii



	2019	2020	2021	2022	2023
Total flying hours	425,950	215,009	461,990	474,687	479,187
Number of Flights	115,543	63,661	128,927	136,431	130,266
Proportion Data Link Operations	69.1 %	81.8%	83.8%	87.3%	87.6%
Proportion HF (only) Operations	30.9 %	18.2%	16.2%	12.7%	12.4%
Proportion RNP4, RCP240, & RSP180 filing	31.4 %	52.2%	69.3%	71.9%	77.9%



Hot Spot N



RASMAG/29 Conclusions

- **Asia Pacific RVSM Guidance Document**
 - [Asia Pacific RVSM Guidance version 3.0](#)
 - Guidance includes current practices of the RASMAG, contents from the LHD Material Package, related APANPIRG conclusions and decisions
 - updated in Aug 2024 to include a description of the Hot Spot management process
- **Revised guidance material for safety and performance monitoring of ATS Data Link Systems & NAT Doc 011 posted on ICAO Asia Pacific site:**
 - [Guidance material for safety and performance monitoring of ATS Data Link Systems in the Asia Pacific Region](#)
 - [NAT Doc 011 PBCS Monitoring & Reporting Guidance](#)



Action for the Meeting

- **Ensure ANSPs/States**

- Provide annual traffic sample data to the designated RMA
- Provide occurrence reports to PARMO (internal investigation reports can be attached)
- All designated PARMO FIRs have submitted 2024 occurrence reports**
 - Key information for these occurrence reports to help determine underlying causal factors and duration/magnitude
 - Location of the occurrence
 - Summary/narrative
 - Relevant time stamps, ADS-C reports, CPDLC messages
 - ***Please note any corrective action introduced as a result of the occurrence***
- Provide PBCS Non-Compliance Reports to the designated RMA



Questions?

parmo@faa.gov



Federal Aviation
Administration

