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Coordination challenges between MET and ATM in Pacific Island

Presented by
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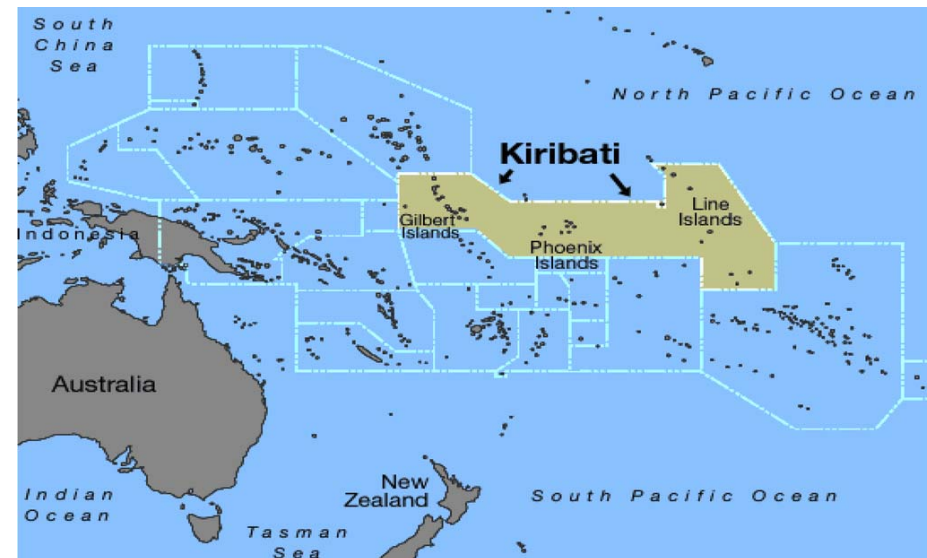
Outline

- Background and History
- Coordination Process
- Challenges and gaps
- Issues with other Pacific Island states
- Way forwards



Background & History

- Kiribati Met Service hosted under Office of the President, and Air e Traffic Service is under Ministry of Information, Communication and Transport.
- Kiribati have two operational International Airports (NGTA & PLCH) and more than 20 operational domestic airport across Pacific Ocean.





Background & History

- Support for outer island domestic flight are limited by observation network:
 - Only a few manual MET observation stations; and
 - automatic weather stations
- Meteorological observation station at NGTA started operations in 2016 while PLCH has been operating for more than 10 years
- 33 Islands scattered over vast ocean, 2 FIR (NGTA under Fiji and PLCH under Oakland USA)





Current coordination process

- Communication channels
 - via phone calls and emails.
 - use Gmail chats to follow up
- ATS responsible to check emails for update
- Validation of METAR/SPECI sent using OGIMET/METCONNECT website.





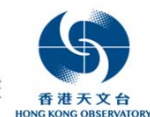
Challenges and gaps

- Purpose of Manned and AWOS – Especially METAR/SPECI and LAND/TAKEOFF
- Mismatch weather observation report
- Visibility reference points or markers in open ocean.
- Maintenance of AWOS system since installation was done by AIRPORT rather than MET SERVICE
- Lack of communication and issues with transmission of full METAR report – except severe weather
- Lack of internal communication system MET and ATS – example AFTN
- Lack of system for quality checks and control
- Security
- Infrastructure
- Equipment and spare part depends on donors



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Similar Issues with other Pacific Island States



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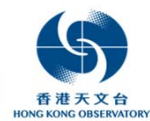
KMS way forward

- Certification – Part 174 and ISO 9001
- Support in strengthening Service Letter of Agreement – SLA for KMS and ATS
- Support in Cost Recovery – Met infrastructure and Equipment
- Communication channel to enhance dissemination of Meteorological Information to ATS.
- Support ongoing & establishment of Meteorological Aviation Management Committee -MAMC



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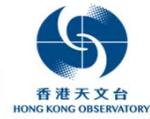
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Thanks



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