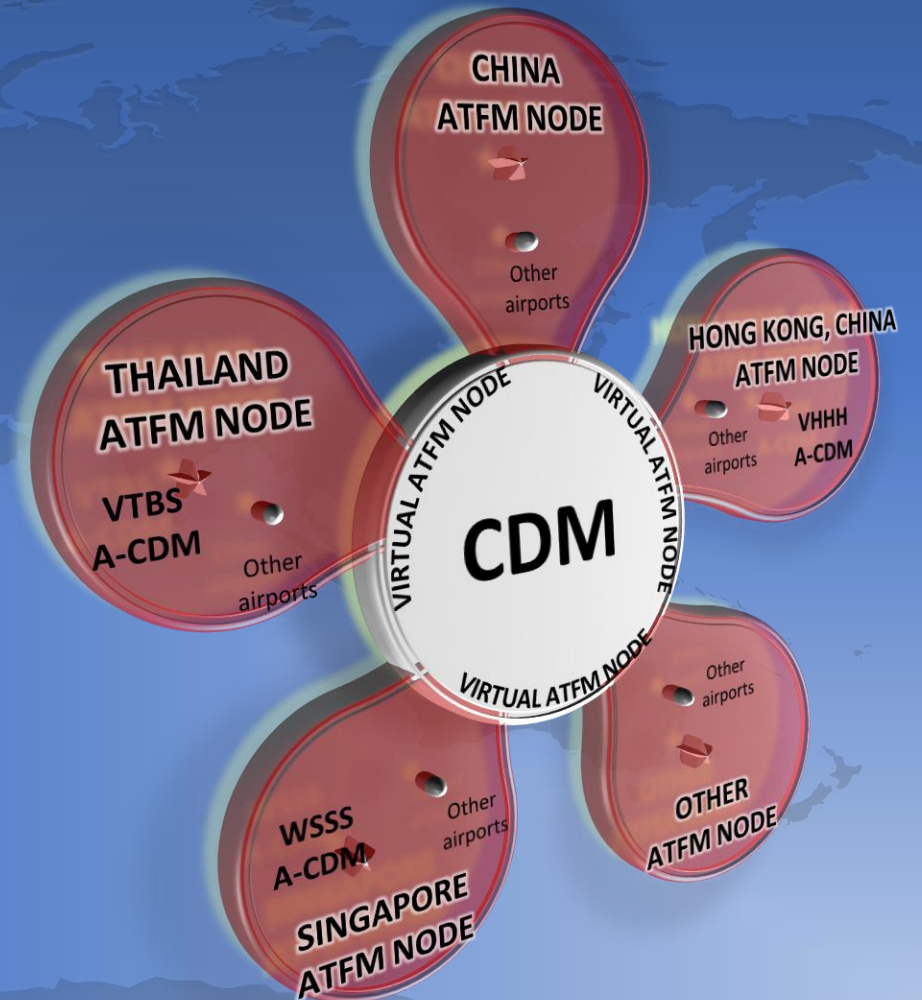


Improving Post-Operations Analysis (POA) for Cross-Border ATFM in AMNAC

ICAO ATFM & A-CDM/SG/16

China, Hong Kong China, Singapore & Thailand



Background

- Asia Pacific conducting cross-border ATFM Operations since 2015, based on the Distributed Multi-Nodal ATFM Network Concept
- Cross-border ATFM operations facilitated through regional collaboration – AMNAC
 - Exchange operational information, coordinate ATFM measures, review outcomes of ATFM measures



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AMNAC Current POA Practice

- POA results are shared during AMNAC meetings, which are convened twice annually
- Network-wide ATFM Measure POA are available via [web portal](#)
 - Flights impacted by ATFM measures consolidated monthly
- Focuses primarily on **operational compliance** and **impact indicators**, i.e., CTOT compliance, ATFM Delays
 - Limited insights into effectiveness of ATFM measures



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Need for more structured and robust evaluation of ATFM measures

- Participating ANSPs of AMNAC recognized the **need for a more structured and robust evaluation of ATFM measures**:
 - Move beyond compliance and impact-based reporting to include measurement of ATFM effectiveness
- Increasing **expectations from Airspace Users** for:
 - Reasons for implementation
 - Assessment on whether measures are effective
- **Greater emphasis on the importance of ATFM** and need for establishment of structured POA reporting to support continuous improvement for ATFM operations
 - In anticipation of new provisions in ICAO Annex 11 – Air Traffic Services and Doc 4444 (PANS-ATM) for States to establish and provide ATFM Service



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Discussion from AMNAC Meeting and Next Step

- AMNAC discussed and agreed to trial the following for POA reporting during the next two AMNAC meeting:
 - Proposed standardized set of Key Performance Indicators (KPIs) – [Appendix A](#)
 - Proposed standardised methodology for calculation of KPIs – [Appendix B](#)
- Subject to trial outcome, AMNAC may consider proposing for these KPIs/methodologies to be incorporated into the ICAO APAC Recommended Framework for ATFM Post-operations Analysis



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Action by the Meeting

- The Meeting is invited to:
 - Note the ongoing efforts by the ANSPs participating in AMNAC to enhance the POA process through the development of standardised KPIs and methodologies; and
 - Discuss any relevant matters as appropriate.



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