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# INTERNATIONAL CIVIL AVIATION ORGANIZATION

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# Overview of the APAC Region ATM Contingency Plan

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# Overview of the APAC Region ATM Contingency Plan

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## APAC ATM Regional Guidance/Plan

- Asia/Pacific Seamless ANS Plan ver3.0
- Asia/Pacific Plan for Collaborative Aeronautical Information Management ver3.0
- Asia/Pacific Regional Framework for Collaborative ATFM ver4.0
- Regional ATM Contingency Plan ver3.0
- Asia/Pacific Search and Rescue Plan ver4.0
  - Asia Pacific Regional Guidance for Contingency Planning and Response to NOTAM Service Disruption
  - Ballistic Launch and Space Re-entry Management – Additional Guidance and State Planning Checklist

\* Other regional documents/Plans/Frameworks are available at ICAO APAC eDocuments website: <https://www.icao.int/APAC/Pages/eDocs.aspx>

# Asia Pacific Document Review Cycle



\*APAC subsidiary plans :

- ASIA/PACIFIC Framework for Collaborative ATFM
- ASIA/PACIFIC SAR Plan
- Asia/Pacific Regional Plan for Collaborative AIM
- ASIA/PACIFIC Region ATM Contingency Plan

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## Structure of the Asia/Pacific Seamless ANS Plan and its subsidiary plans, including Regional ATM Contingency Plan

- Scope
- Objectives
- Abbreviations and Acronyms
- Executive Summary
- Background Information
- Current Situation
- Performance Improvement Plan
- Research and Future Development.
- Principles, usually as an Appendix

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## Asia/Pacific Regional ATM Contingency Plan

The objectives of the Plan are to

- i. provide a contingency response framework for Asia/Pacific States to ensure the managed continuation of aircraft operations in affected FIRs, including transiting between unaffected FIRs, during contingency events;
- ii. ensure timely, harmonized and appropriate responses to all events resulting in disruption to the provision of Air Traffic Services (ATS), or in which ATS is involved, and hence to normal aircraft movement; and
- iii. provide a greater degree of certainty for airspace and aerodrome users during contingency operations.



## Regional ATM Contingency Plan Performance Expectations

The Asia/Pacific Regional ATM Contingency Plan, as approved by ATM Sub-Group on behalf of APANPIRG, includes in its performance improvement plan the following performance expectations relating to promulgation and reporting of State contingency plans:

*7.20 National ATM Contingency Plans should be promulgated on the website of the Air Navigation Service Provider.*

*7.21 States should report the status of their contingency planning to the ICAO APAC Regional Office, as follows:*

- 1. Promulgation of the national ATM Contingency Plan, together with the hyperlink to the website location of the Plan;*
- 2. State Contingency Points-of-Contact; and*
- 3. The establishment of contingency arrangements with each neighbouring State.*

*Note 1: Information of a sensitive nature such as that related to matters of national security need not be included in promulgated contingency plans.*

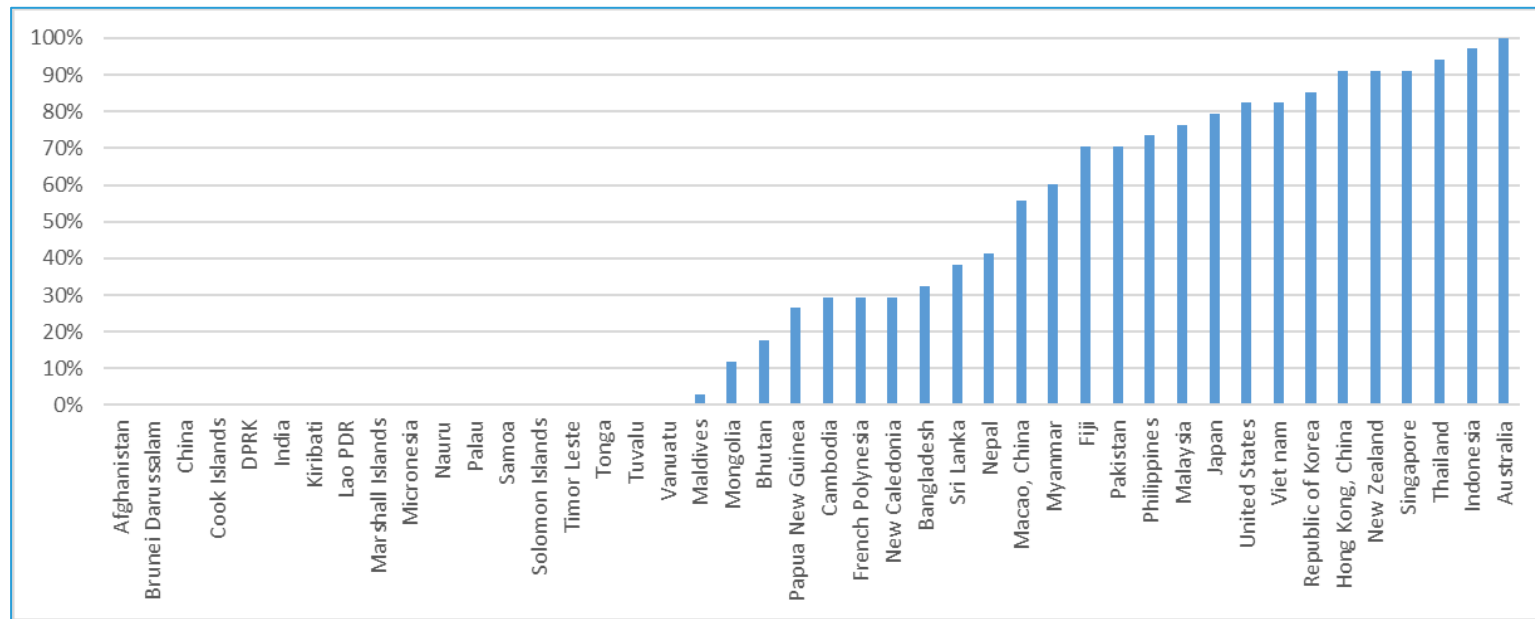
*Note 2: the Regional List of State Contingency Points-of-Contact is provided at Appendix H.*

*Note 3: APANPIRG Air Navigation Deficiencies may be raised against the provisions of Annex 11 paragraph 2.30 for States that do not report promulgation of their national ATS contingency plan.*



# Challenges

The implementation status reporting schedule for the performance expectations of the Regional ATM Contingency Plan should, along with those for other ATM-related plans, be reported not later than 28 February each year.



Regional ATM Contingency Plan – Over all Implementation Status (as of October 2023)

Status reports are assessed by the Regional Office on the basis of the overall implementation of applicable elements of the Regional ATM Contingency Plan.

90 – 100% = Robust

70 – 89% = Marginal

0 – 69% = Incomplete

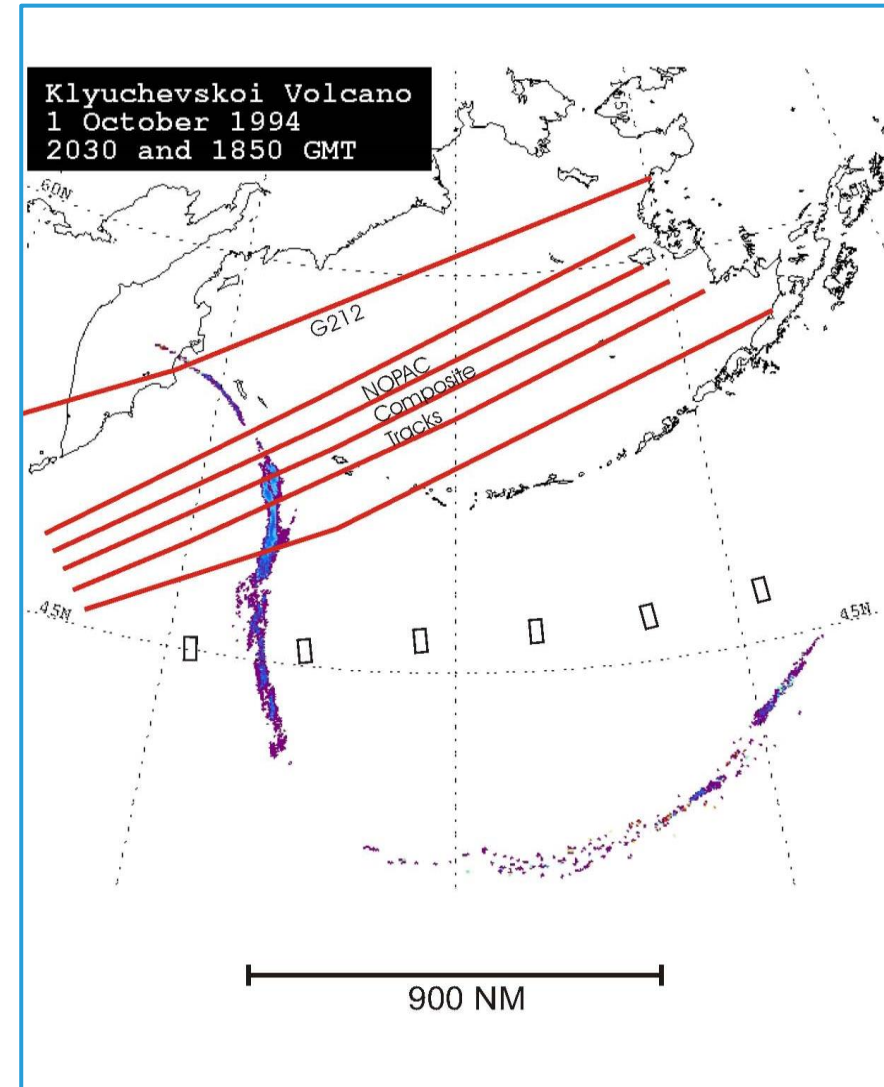
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## Challenges

- Slow progress of National ATM Contingency Plan implementation
- Lack of coordination with the appropriate ATS authorities
- Lack of active participation in the CCT(s)
- Lack of ATFM capability to deal with the contingency situation
- Lack of understanding of volcanic ash
- Lack of providing an up-to-date CCT Points of Contacts
- No one-size-fits-all Contingency Plan
- Lack of harmonized contingency procedures with neighbouring regions

## Volcanic Ash

Volcanic ash travels for thousands of miles and the ash cloud can be in excess of 2000 miles long.



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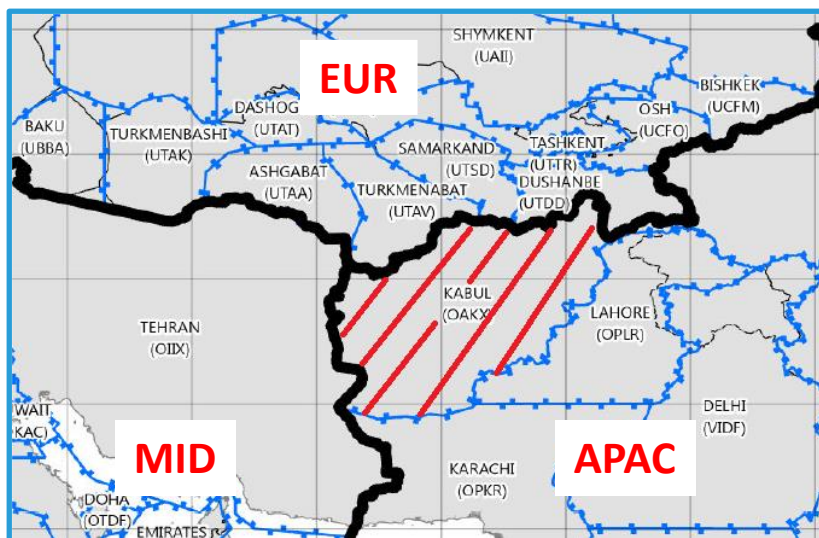
## Volcanic Ash

### **APANPIRG Conclusion 16/13** – *ATM Contingency Planning for Volcanic Ash Cloud avoidance*

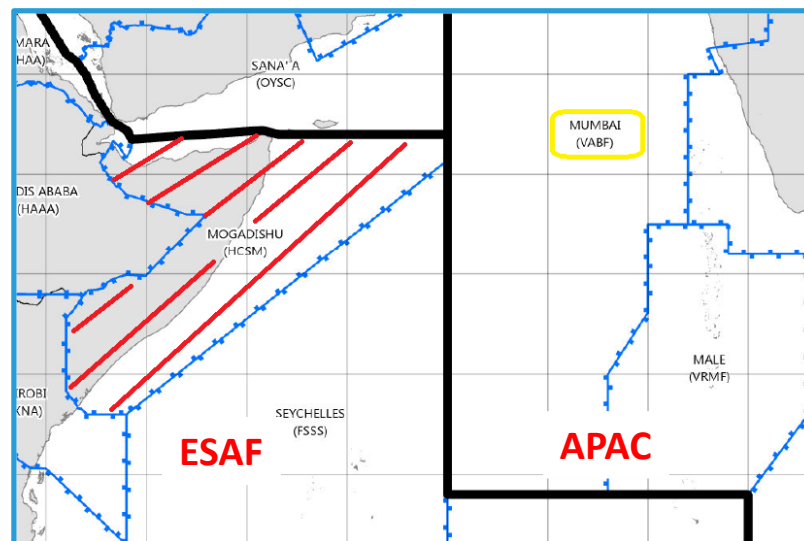
That, Asia/Pacific States be urged by State Letter from the Regional Office to amend or develop ATM contingency plans, as necessary, that would:

- a) provide Air Traffic Management policy and coordination procedures that ensure safe and orderly flow of air traffic around areas of volcanic ash;
- b) promulgate the status of active volcanoes via the colour code system as specified in Annex 15, Aeronautical Information Service, and the Handbook on the International Airways Volcano Watch (Doc 9766); and
- c) provide templates and a rapid means of disseminating volcanic Ash SIGMETs, ASHTAM's, NOTAM's, Volcanic Ash Advisories and other flight information.

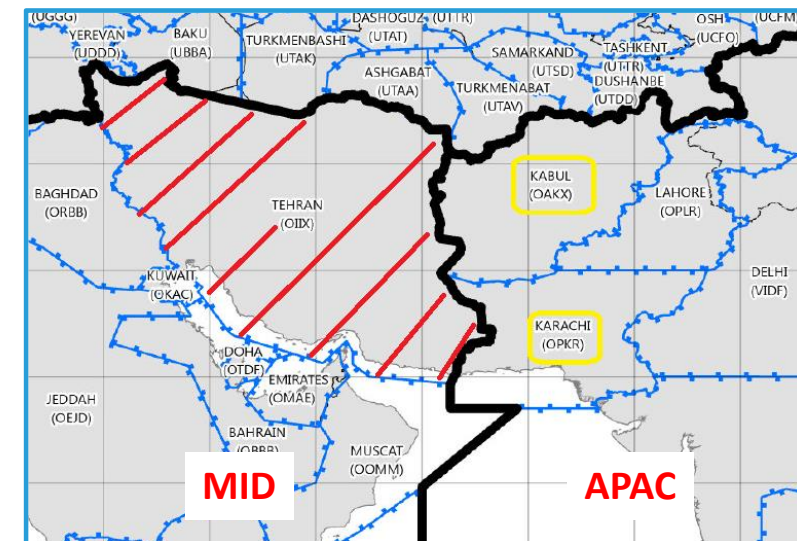
## Why Harmonization?



Kabul FIR Contingency since 2021



Mogadishu FIR Contingency 2024

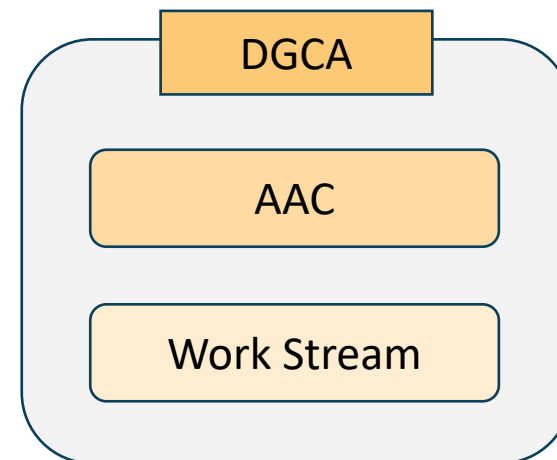
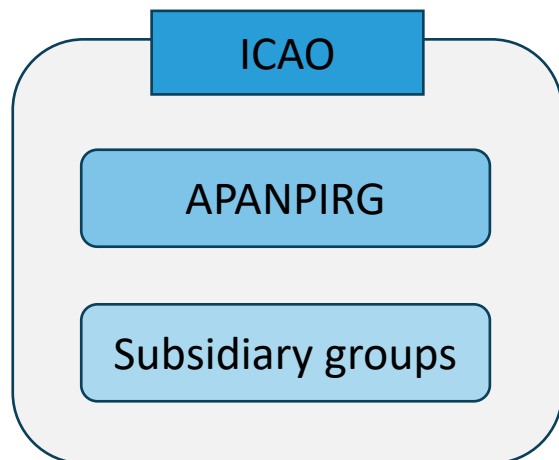


Teheran FIR Coordination in 2024

## Asia and Pacific ANSP Committee

The DGCA 57 Conference decided in July 2022 to form a committee of ANSPs, involving CANSO and IATA, to cooperate in the implementation of regional Air Navigation Services (ANS) initiatives.

Members should be at the level of Chief of ANSPs of States, accompanied by nominated delegates, as well as representatives from International Organizations recognized by ICAO, including CANSO and IATA.



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## Asia and Pacific ANSP Committee Work Stream 3

The AAC formed four Work Streams.

- WS1 – Investment
- WS2 – Implementation
- WS3 – Contingency
- WS4 – Oceanic WG

The AAC WS3 has been working hard to cooperate in the implementation of regional Air Navigation Services initiatives, including the Regional Contingency Framework. ICAO APAC appreciates and applauds AAC WS3's effort.





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Thank You!