



บริษัท วิทยุการบินแห่งประเทศไทย จำกัด
Aeronautical Radio of Thailand Ltd.

Thailand Lessons Learned from Contingency Events

ICAO MID ATM SCM & RACF
1 – 5 February 2026

Past Contingency Events



Past Contingency Events

Timeframe	Event
2021	Myanmar ATM Contingency
2021	Afghanistan ATM Contingency
2025	Myanmar Earthquake
2026	Middle East High Tension Situation



Myanmar ATM Contingency – Feb 2021

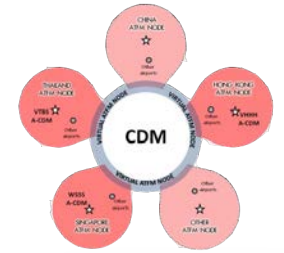
- **Existing Infrastructure**

- Bangkok ACC : operational
- ATFM service : Distributed Multi-Nodal ATFM service in APAC
- ATM Contingency Plan : published

- **Situation : Yangon ACC Industrial Action**

- **Communications**

- ATM Contingency Plan activation communicated via email & NOTAM
- CCT activated via email & CCT Bulletins circulated via email
- ATFM Unit facilitated initial teleconferences to exchange ACC POCs
- Teleconferences continue to adjust contingency routes & re-routing deployed



Afghanistan ATM Contingency – Aug 2021 (1)

- **Existing Infrastructure**

- Kabul ACC : inoperable since Aug 2021
- ATFM service : suspended since Sep 2021; resumed in Sep 2025

- **Situation : Kabul ACC Service Cessation**

- **Consequence**

- Aircraft rerouted around Afghanistan airspace

- **Communications**

- CCT activated via email & CCT Bulletins circulated via email
- CCT Teleconference frequency decreased until almost none due to absence of updates
- Ongoing situation until Middle East conflict in 2024 pushed traffic back via Afghanistan airspace under contingency arrangements



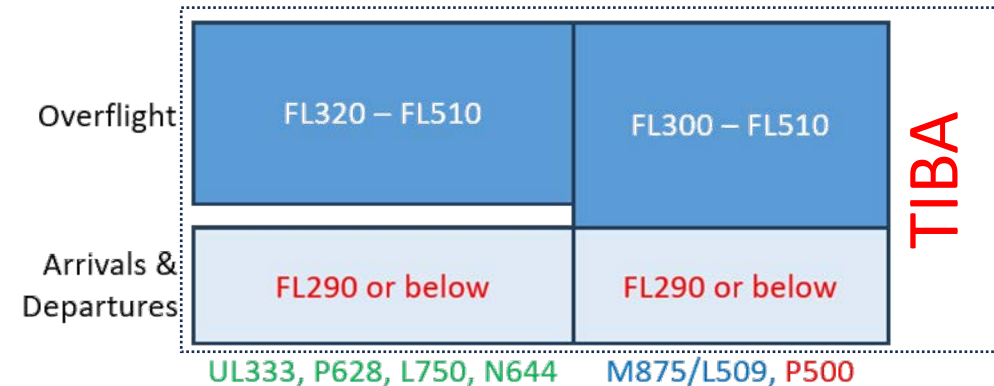
Afghanistan ATM Contingency – Aug 2021 (2)

- **Existing Infrastructure**

- Kabul ACC : inoperable since Aug 2021
- ATFM service : suspended since Sep 2021; resumed in Sep 2025

- **Current Situation**

- Contingency Arrangement manages overflights vs departures/arrivals
- ATFM service resumed to manage westbound nighttime overflights
 - 91 – 93% of overflights entered Afghanistan at same FL as ATFM slot
 - En route holding prior to Afghanistan entry significantly reduced



Myanmar Earthquake – Mar 2025

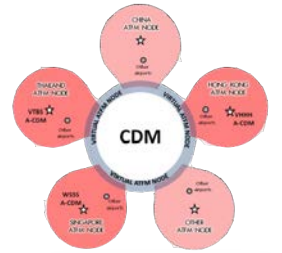
- **Existing Infrastructure**

- Bangkok ACC : operational
- ATFM service : Distributed Multi-Nodal ATFM Network in APAC
- Contingency Plan : published, but scenario not fully covered

- **Situation : Myanmar Earthquake with Impact in Thailand**

- **Communications**

- ATFM personnel on mission to AMNAC meeting in Hong Kong helped release Ground Stop email to other ATFM nodes
- ATFM service infrastructure continued to be operational, enabling deployment of ATFM measure to smooth traffic recovery
- Contingency plan reviewed to support additional scenarios apart from scenario where ATC service is no longer available



Middle East High Tension Situation – 2026

- **Existing Infrastructure**

- Kabul ACC : inoperable
- ATFM service : BOBCAT ATFM procedure re-activated



- **Situation : Middle East High Tension**

- **Consequence**

- Brief closure of Tehran FIR in mid January 2026
- Airlines continue to avoid airspace after re-opening

- **Communications**

- CCT activation communicated via IATA ITOP platform
- Communication with ICAO APAC Regional Office to monitor the situation & update BOBCAT slot allocation

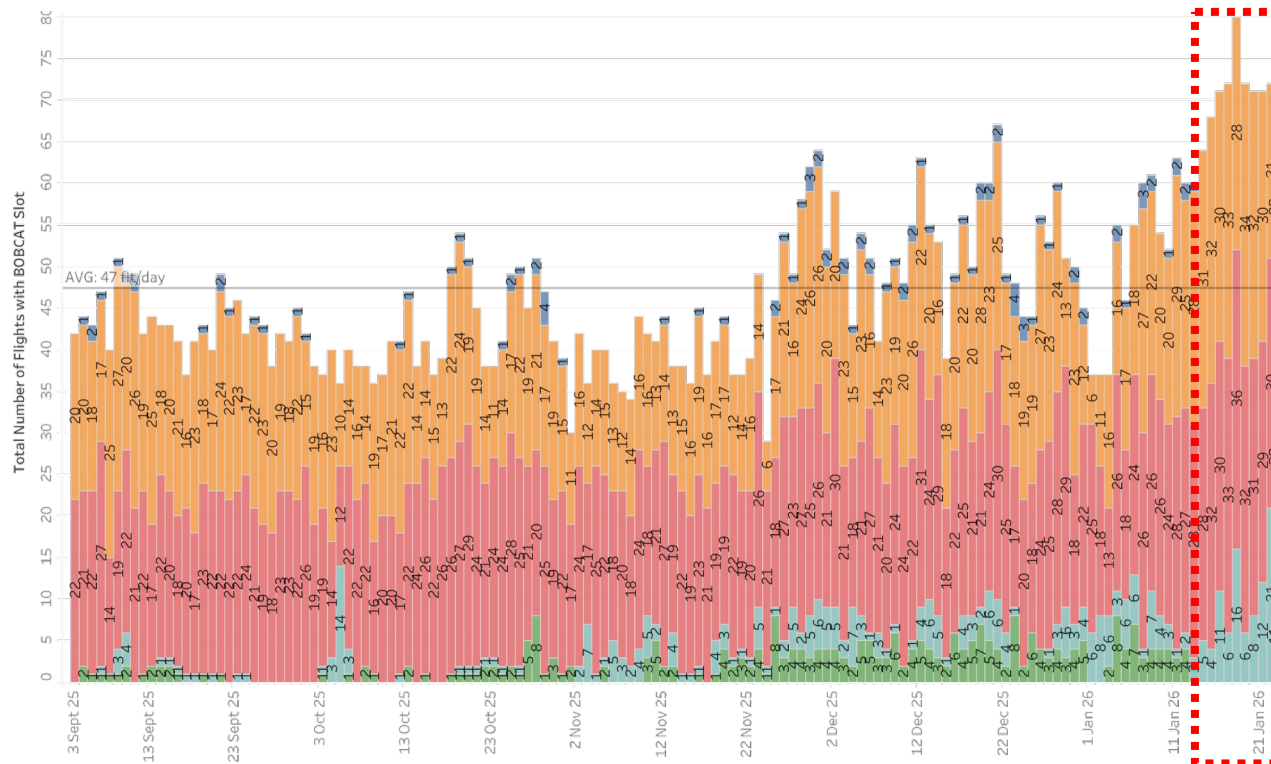
Middle East High Tension Situation – 2026

- Existing Infrastructure

- Kabul ACC : inoperable
- ATFM service : BOBCAT ATFM procedure re-activated



- BOBCAT Slot Allocation



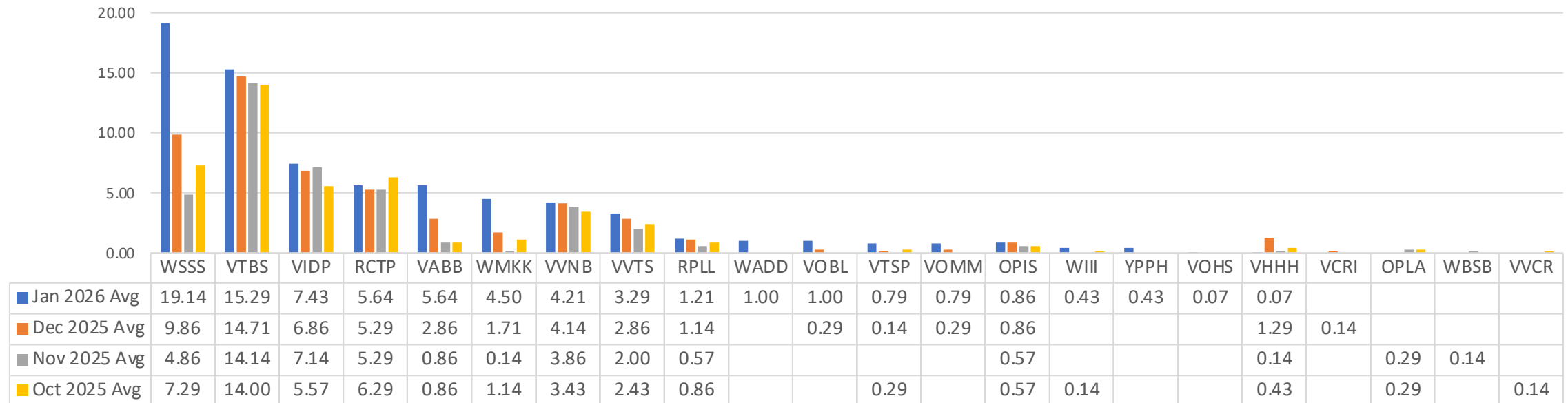
Middle East High Tension Situation – 2026

- Existing Infrastructure

- Kabul ACC : inoperable
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- BOBCAT Slot Allocation by Departure Aerodromes



Note: Traffic Sample Dates

Oct 2025 : 21 – 27 Oct 2025

Nov 2025 : 16 – 22 Nov 2025

Dec 2025 : 14 – 20 Dec 2025

Jan 2026 : 18 – 31 Jan 2026 (2 weeks)

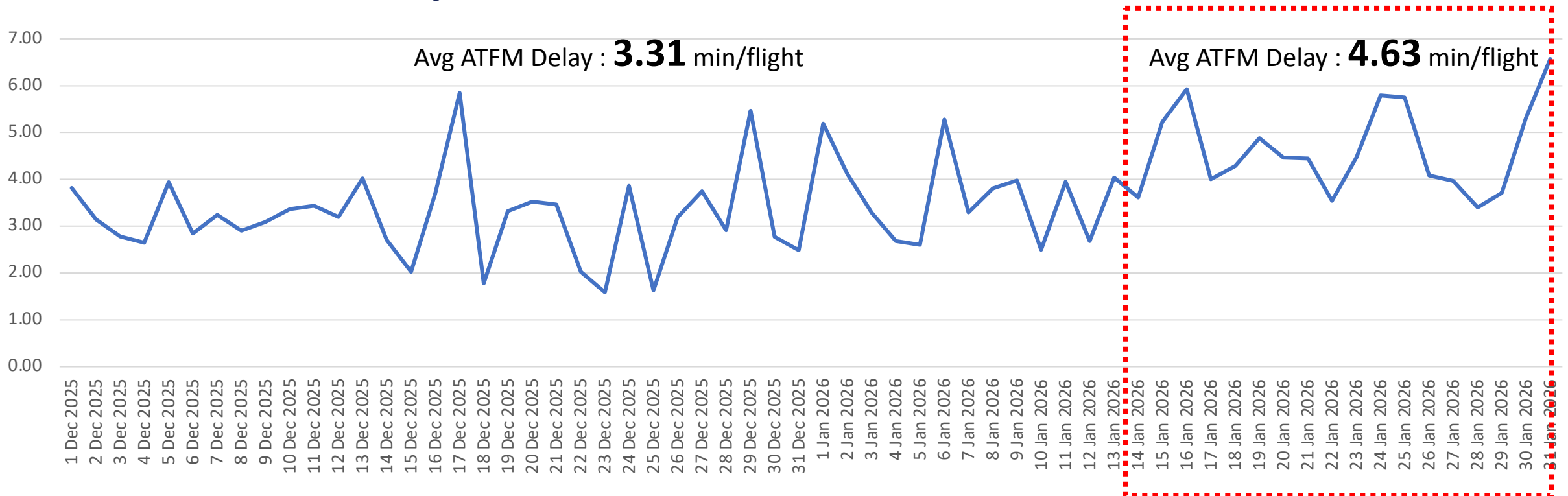
Middle East High Tension Situation – 2026

- Existing Infrastructure

- Kabul ACC : inoperable
- ATFM service : BOBCAT ATFM procedure re-activated



- BOBCAT ATFM Delay



Lessons Learned



Lessons Learned



- **Teleconferences & interpersonal communications** : paramount in coping with contingency situation, while finding short-term fixes



- **Presence of ATFM service & Published ATM Contingency Plans** : helpful in ensuring orderly management of the situation & orderly recovery from the situation



- **ATM Contingency Plan Scenarios** : need to be more diverse than "no ATC service" scenario

- Balance between ATM contingency situation & situations that can be managed by active ATFM service



- **Web-based Coordination Platforms** : useful in communicating CCT activation, supplementing other communications

Discussions

