



บริษัท วิทยุการบินแห่งประเทศไทย จำกัด
Aeronautical Radio of Thailand Ltd.

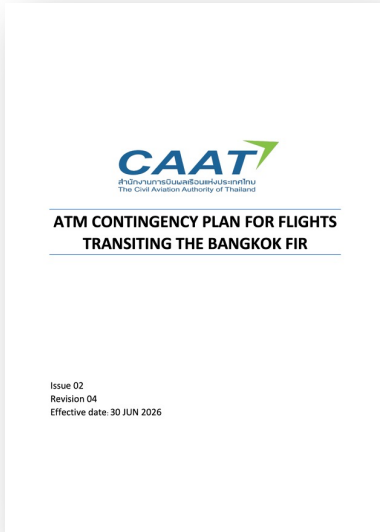
Thailand Lessons Learned from Contingency Events

ICAO APAC RACF
13 – 17 July 2026
Tokyo, Japan

Thailand Contingency Arrangements



Thailand Contingency Arrangements



CCC



AOCG



BCP Procedure



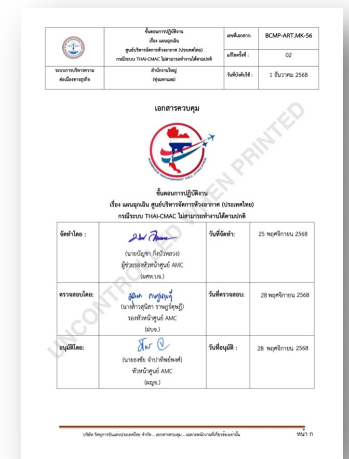
Recovery Plan



ATS Units Contingency Plan



Bangkok ATFMU Contingency Plan



AMC Thailand Contingency Plan

Past Contingency Events



Past Contingency Events

Timeframe	Event
2021 – ...	Afghanistan ATM Contingency
2025	Myanmar Earthquake
2025 – 2026	Border Conflict
2026	Middle East Situation

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



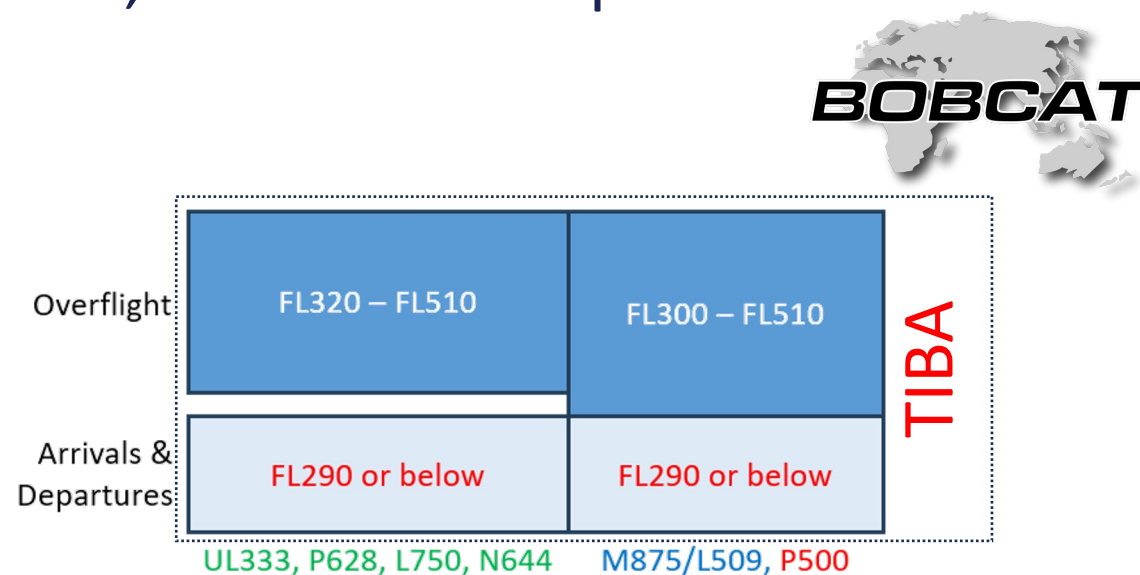
Afghanistan ATM Contingency : Aug 2021 (2)

- **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

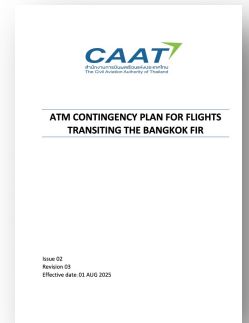
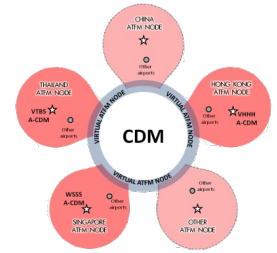
- **Existing Infrastructure**

- 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



Border Conflict : Jul 2025 – 2026

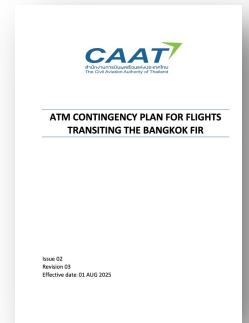
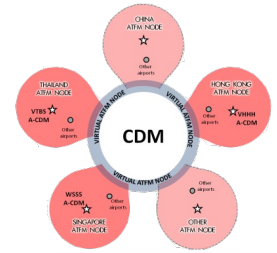
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- **Situation : Border Conflict**

- **Communications**

- Bangkok ACC – Phnom Penh ACC ATS coordination continues normally
- Additional Special Use Airspace activated via NOTAMs
 - Supplemented by reroute instruction NOTAMs
- Special communication channel with CCC-like participation – enables quick response to queries from ICAO APAC Regional Office



Middle East Situation : 2026

- **Existing Infrastructure**

- Kabul ACC : inoperable since Aug 2021
- ATFM service : BOBCAT ATFM procedure re-activated



- **Situation : Middle East High Tension**

- **Consequence**

- Brief closure of Tehran FIR in mid January 2026
- Multi-FIR closures started on 28 February 2026
- Airlines rerouted around affected airspace partly through Afghanistan

- **Communications**

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

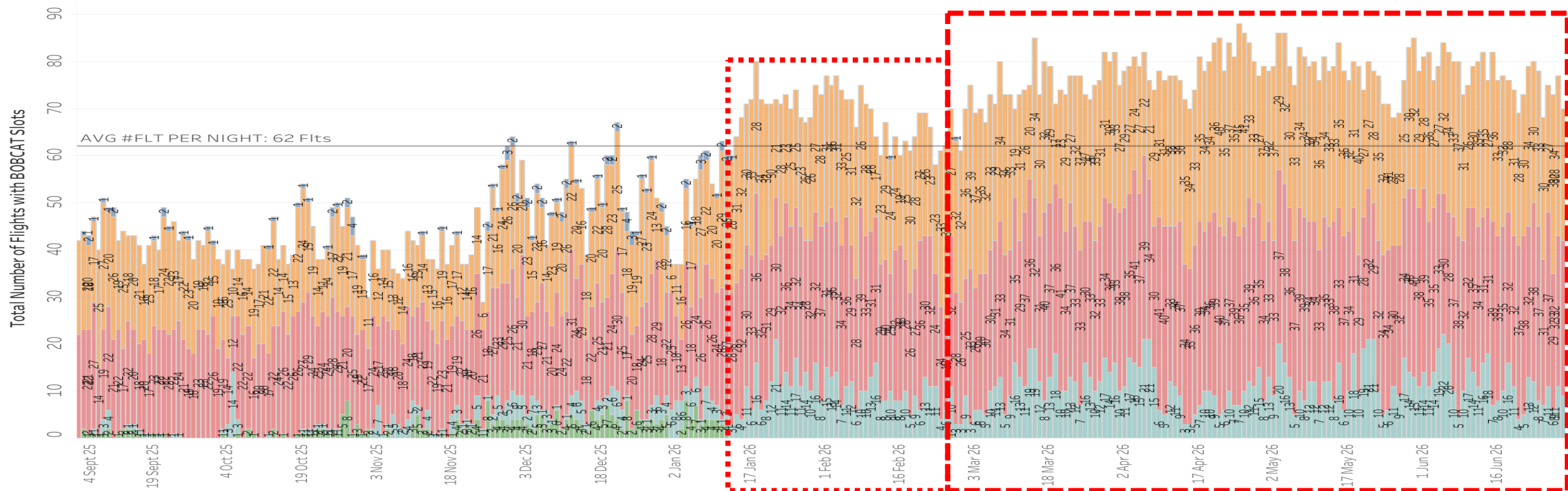
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- Existing Infrastructure

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- Slot Allocation



Data Source: Final BOBCAT Slot Allocation (4 Sep 2025 – 30 Jun 2026)



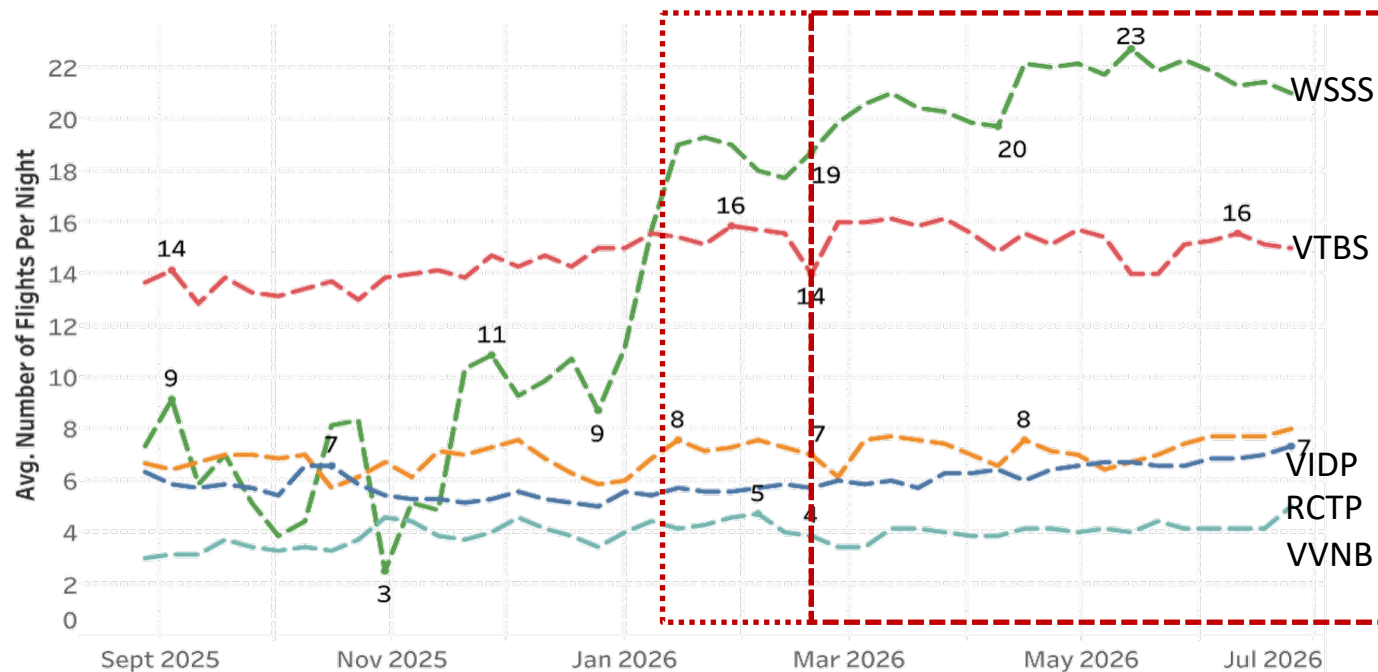
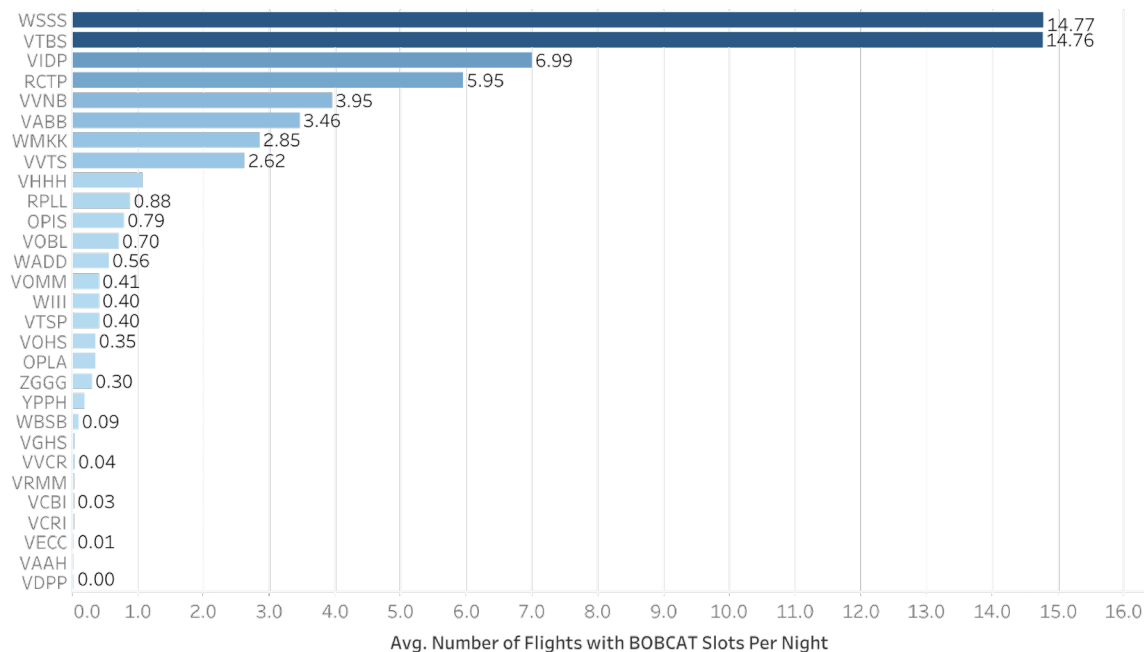
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- Existing Infrastructure

- Kabul ACC : inoperable since Aug 2021
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- Slot Allocation by Departure Aerodromes



Data Source: Final BOBCAT Slot Allocation (4 Sep 2025 – 30 June 2026)



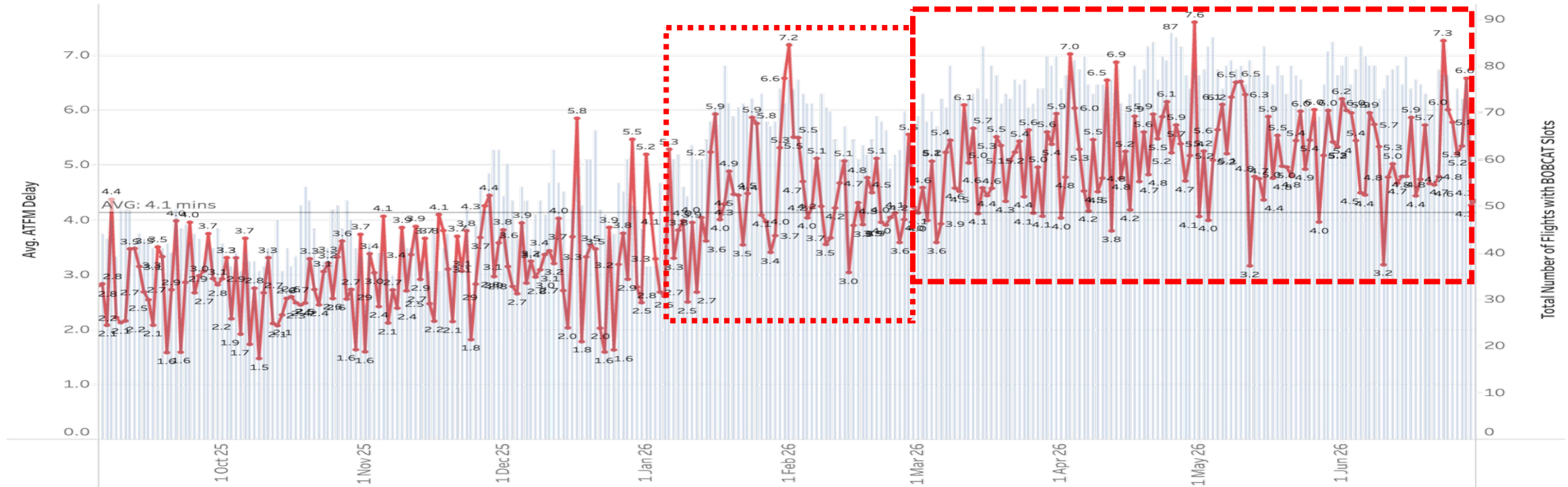
Middle East Situation – 2026

- Existing Infrastructure

- Kabul ACC : inoperable since Aug 2021
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- ATFM Delay



Data Source: Initial BOBCAT Slot Allocation (4 Sep 2025 – 30 June 2026)



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

