

## **The Third tele-con of ATFM/SG/IR/SWG (Order of Discussion)**

27<sup>th</sup> March 2019 at 0700 UTC (1500 Beijing local-time)

<https://aerothai.adobeconnect.com/atfm-sg-atfm-ir-swg/>

1. Scheduling (phased plan)
2. ADP file name and email subject
3. New TOR
4. Phase 0
5. NARAHG Conops
6. WP to ATFM/SG/9
7. Post Operations Analysis Framework
8. Any other business

# 1. Scheduling

## Tentative schedule – ATFM/IR/SWG

|                               |  |
|-------------------------------|--|
| Tele-con:                     | 4 July 2018  |
| 1 <sup>st</sup> Face-to-face: | 29-31 August 2018 (RSO, China)                                   |
| Tele-con:                     | 6 November 2018  |
| 2 <sup>nd</sup> Face-to-face: | 29-30 November 2018 (Singapore)                                  |
|                               | *in conjunction with Multi-Nodal core meeting                    |
| Tele-con:                     | 27 March 2019  |
| 3 <sup>rd</sup> Face-to-face: | 4-5 April 2019 (Tokyo, Japan)                                    |
|                               | *in conjunction with NARAHG meeting and Multi-Nodal core meeting |
| <b><u>ATFM/SG/9:</u></b>      | <b><u>22-26 April 2019</u></b>                                   |
| Tele-con:                     | 2Q or 3Q 2019  |
| Tele-con:                     | 3Q or 4Q 2019  |
| 4 <sup>th</sup> Face-to-face: | 4Q 2019 (TBD, Thailand)  |
|                               | *in conjunction with other meeting                               |
| Tele-con:                     | 1Q 2020  |
| <b><u>ATFM/SG/10:</u></b>     | <b><u>April or May 2020</u></b>                                  |

2. ADP file name and  
email subject  
(Action IR/F2-01)

# Format of ADP Filename and E-mail Subject

- ADP filename format

**ADP\_FIR Name\_YYYYMMDD\_Version.pdf**

- FIR Name: FIR name where ATFM unit is located
- YYYYMMDD: Effective date of ADP in UTC
- Version: Version of ADP, in the format of integer number, e.g. the first version of ADP of each effective date = 1  
Version = [1, 2, 3, ..., n; n = integer number]

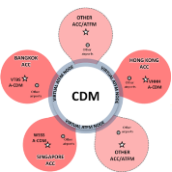
Example: ADP\_VTBB\_20181225\_1.pdf = The 1st version ADP issued by Bangkok ATFM unit to be effective on 25 Dec 2018

- E-mail subject for ADP distribution

**ADP\_FIR Name\_YYYYMMDD\_Version**

- FIR Name: FIR name where ATFM unit is located
- YYYYMMDD: Effective date of ADP in UTC
- Version: Version of ADP, in the format of integer number, e.g. the first version of each ADP of each effective date = 1  
Version = [1, 2, 3, ..., n; n = integer number]

Example: ADP\_VTBB\_20181225\_1 = The 1st version ADP issued by Bangkok ATFM unit to be effective on 25 Dec 2018



## Action Items

| Action ID | What   | Who                       | Due Date                               | Status | Remarks       |
|-----------|--|---------------------------|--|--------|---------------|
| IR/F1-01  | Consult with SMEs to clarify the CTO   | ICAO                      | ATFM/IR/SWG/F2F/2                      | -      |               |
| IR/F1-02  | Develop NARAHG Concept of Operation and simplified operation scenarios                     | NARAHG Team               | ATFM/IR/SWG/F2F/2<br>End of Jan 2019   | Open   |               |
| IR/F1-03  | Complete the Regional ATFM Harmonization Implementation Plan through IR/SWG teleconference | All                       | ATFM/IR/SWG/F2F/2<br>ATFM/IR/SWG/F2F/3 | Open   |               |
| IR/F1-04  | Draft the revision of the IR/SWG TOR   | ICAO                      | ATFM/IR/SWG/F2F/2<br>End of Jan 2019   | Open   |               |
| IR/F1-05  | Analyze the trend of CTOT paper trial (including ELDT, CLDT and Calculated time of FIR)    | Hong Kong China and Japan | ATFM/IR/SWG/F2F/2<br>ATFM/IR/SWG/F2F/3 | Open   |               |
| IR/F2-01  | Review common ADP file name and email subject proposed by Multi-Nodal Group                | NARAHG Team               | End of Dec 2018                        | Open   |               |
| IR/F2-02  | Review draft revision TOR  | ALL                       | End of Feb 2019                        | Open   | Ref: IR/F1-04 |
| IR/F2-03  | Review the proposal of Phase 0 from Multi-Nodal group                                      | NARAHG Team               | 20 Dec 2018                            | Open   |               |
| IR/F2-04  | Draft WP to ATFM/SG/9  | ALL                       | ATFM/IR/SWG/F2F/3                      | Open   |               |
|           |  |                           |  |        |               |
|           |  |                           |  |        |               |
|           |  |                           |  |        |               |
|           |  |                           |  |        |               |
|           |  |                           |  |        |               |

Note:

The Action ID format: IR/{F,T}X-YY, where F - Face-to-Face Meeting; T - Teleconference; X - Number of meeting; YY - Number of action item

### 3. New TOR (Action IR/F1-04 and IR/F2-02)

## Terms of Reference

### ATFM Information Requirements Small Working Group (ATFM/IR/SWG)

Recognizing that:

~~The Draft Regional Framework for Collaborative ATFM will be presented to APANPIRG/26 for endorsement; and~~

~~The ongoing development of the Regional ATFM Concept and the understanding of operational requirements for information distribution are dependent on experience to be gained in trial programs and operational deployments;~~

Recognizing the direction provided in the Asia/Pacific Regional Framework for Collaborative ATFM and Regional ATFM Concept of Operations, the ATFM/IR/SWG will:

1. Support harmonized implementation of cross-border ATFM, including common operating procedures and a common network level CDM process, between States and groups of States in the Asia/Pacific Region;
2. Develop any Flight Information Exchange Model (FIXM) extensions necessary for the exchange of ATFM information in the Asia/Pacific Region;
3. ~~The ATFM/IR/SWG, reporting to ATFM/SG, will develop~~ Develop a draft operational requirements document detailing:
  - a) ~~Items of ATFM information, such as ADP, ATFM measures and compliance information to be distributed and dynamically updated to each of the following stakeholder domains:~~
    - i. ~~ATFMU;~~
    - ii. ~~ATSU (ACC/APP/TWR);~~
    - iii. ~~Airspace User; and~~
    - iv. ~~Airport Operator~~
  - b) ~~Access levels and authorizations for stakeholders;~~
  - e)a) Items of ATFM Information that ~~authorized users may~~ collaborative ATFM participants should distribute or publish, ~~add or amend or cancel,~~ including but not limited to:
    - i. ADP;
    - ii. ~~Initiation, amendment or cancellation of~~ ATFM measures;
    - iii. ~~Collaborative ATFM interaction;~~
    - iv. ~~Cancellation, suspension and de-suspension of ATFM measures;~~
    - iii. Compliance monitoring information such as ATOT ~~and,~~ ATO and ALDT;

*Note: Collaborative ATFM Participants may include ATFMU, ATSU (ACC/APP/TWR), Airspace Users and Airport Operators.*

- ⓑ) Network and/or node administrator arrangements;
  - ⓒ) Required reliability and availability of the distributed multi-nodal network and its links and interfaces, where not already established.
  - ⓓ) Notification parameters guidance for ATFM measure implementation.
4. Make recommendations to ATFM/SG on interim methods of ATFM information exchange in the absence of FIXM capability between States, including:
    - a. Systems and methods of information exchange and storage; and
    - b. User interfaces;
  - 2.5. ~~ATFM/IR/SWG will, in~~ In cooperation with the ACS ICG ~~and~~ other relevant Regional groups, develop an interface control document (ICD) for cross-border ATFM described in the Regional Framework for Collaborative ATFM and the Regional ATFM Concept; and
  6. Develop any necessary Proposals for Amendment (PfAs) to the Regional Framework for Collaborative ATFM and Regional ATFM Concept of Operations, for discussion and agreement by ATFM/SG.

The ATFM/IR/SWG will conduct its activities mainly by electronic means between meetings of the ATFM/SG, with face-to-face meetings conducted only where necessary and in conjunction with other meetings where opportunity presents. The group should include, as a minimum, representatives from the Asia/Pacific Administrations participating in Sub-Regional ATFM project groups including, but not limited to, the Multi-Nodal ATFM Operational Trial , the North-east Asia Regional ATFM Harmonization Group (NARAHG), Australia and India, and relevant international organizations, supported by ICAO. Other APAC Administrations may participate according to their ATFM needs.

The ATFM/IR/SWG reports to ATFM/SG.

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## Terms of Reference

### ATFM Information Requirement Small Working Group (ATFM/IR/SWG)

Recognizing the direction provided in the Asia/Pacific Regional Framework for Collaborative ATFM and Regional ATFM Concept of Operations, the ATFM/IR/SWG will:

1. Support harmonized implementation of cross-border ATFM, including common operating procedures and a common network level CDM process, between States and groups of States in the Asia/Pacific Region;
2. Develop any Flight Information Exchange Model (FIXM) extensions necessary for the exchange of ATFM information in the Asia/Pacific Region;
3. Develop a draft operational requirements document detailing:
  - a) Items of ATFM Information that collaborative ATFM participants should distribute or publish, amend or cancel, including but not limited to:
    - i. ADP;
    - ii. Initiation, amendment or cancellation of ATFM measures;
    - iii. Compliance monitoring information such as ATOT, ATO and ALDT;

*Note: Collaborative ATFM Participants may include ATFMU, ATSU (ACC/APP/TWR), Airspace Users and Airport Operators.*
  - b) Network and/or node administrator arrangements;
  - c) Required reliability and availability of the distributed multi-nodal network and its links and interfaces, where not already established.
  - d) Notification parameters guidance for ATFM measure implementation.
4. Make recommendations to ATFM/SG on interim methods of ATFM information exchange in the absence of FIXM capability between States, including:
  - a. Systems and methods of information exchange and storage; and
  - b. User interfaces;
5. In cooperation with the other relevant Regional groups, develop an interface control document (ICD) for cross-border ATFM described in the Regional Framework for Collaborative ATFM and the Regional ATFM Concept; and
6. Develop any necessary Proposals for Amendment (PfAs) to the Regional Framework for Collaborative ATFM and Regional ATFM Concept of Operations, for discussion and agreement by ATFM/SG.

The ATFM/IR/SWG will conduct its activities mainly by electronic means between meetings of the ATFM/SG, with face-to-face meetings conducted only where necessary and in conjunction with other meetings where opportunity presents. The group should include, as a minimum, representatives from the Asia/Pacific Administrations participating in Sub-Regional ATFM project groups including, but not limited to, the Multi-Nodal ATFM Operational Trial, the North-east Asia Regional ATFM Harmonization Group (NARAHG), Australia and India, and relevant international organizations, supported by ICAO. Other APAC Administrations may participate according to their ATFM needs.

The ATFM/IR/SWG reports to ATFM/SG.

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## 4. Phase 0 (Action IR/F2-01)

## NARAHG PROPOSAL

|   |                    |                |                        |
|---|--------------------|----------------|------------------------|
| 1 | Airspace User      | <i>submits</i> | <b>FPL</b>             |
| 2 | Facilitating ATFMU | <i>sends</i>   | <b>ETO</b> at boundary |
| 3 | Initiating ATFMU   | <i>sends</i>   | <b>BTO</b> at boundary |

Messages to exchange and means to exchange:

- ETO by ...?
- BTO by ...?

## MN PROPOSAL

|   |                    |                |                       |
|---|--------------------|----------------|-----------------------|
| 1 | Airspace User      | <i>submits</i> | <b>FPL</b>            |
| 2 | Facilitating ATFMU | <i>sends</i>   | (nothing)             |
| 3 | Initiating ATFMU   | <i>sends</i>   | <b>CTOT</b> at origin |

Messages to exchange and means to exchange:

AFTN: FPL

CTOT via SAM Message

# Tentative Phased plan

## **Phase 0:** What we can do today without system upgrade

Phase 0A: ADP exchange

When?

(How often?)

Who?

How?



Need to be discussed at the next meeting

Phase 0B: ATFM Data exchange



Need to be discussed at the next meeting

## **Phase 1:** Mixed-Mode ATFM

Phase 1A:

Phase 1B:



Continuous discussion

## **Phase 2:** Future Plan

## Action Items

| Action ID | What   | Who                       | Due Date                               | Status | Remarks       |
|-----------|--|---------------------------|--|--------|---------------|
| IR/F1-01  | Consult with SMEs to clarify the CTO   | ICAO                      | ATFM/IR/SWG/F2F/2                      | -      |               |
| IR/F1-02  | Develop NARAHG Concept of Operation and simplified operation scenarios                     | NARAHG Team               | ATFM/IR/SWG/F2F/2<br>End of Jan 2019   | Open   |               |
| IR/F1-03  | Complete the Regional ATFM Harmonization Implementation Plan through IR/SWG teleconference | All                       | ATFM/IR/SWG/F2F/2<br>ATFM/IR/SWG/F2F/3 | Open   |               |
| IR/F1-04  | Draft the revision of the IR/SWG TOR   | ICAO                      | ATFM/IR/SWG/F2F/2<br>End of Jan 2019   | Open   |               |
| IR/F1-05  | Analyze the trend of CTOT paper trial (including ELDT, CLDT and Calculated time of FIR)    | Hong Kong China and Japan | ATFM/IR/SWG/F2F/2<br>ATFM/IR/SWG/F2F/3 | Open   |               |
| IR/F2-01  | Review common ADP file name and email subject proposed by Multi-Nodal Group                | NARAHG Team               | End of Dec 2018                        | Open   |               |
| IR/F2-02  | Review draft revision TOR  | ALL                       | End of Feb 2019                        | Open   | Ref: IR/F1-04 |
| IR/F2-03  | Review the proposal of Phase 0 from Multi-Nodal group                                      | NARAHG Team               | 20 Dec 2018                            | Open   |               |
| IR/F2-04  | Draft WP to ATFM/SG/9  | ALL                       | ATFM/IR/SWG/F2F/3                      | Open   |               |
|           |  |                           |  |        |               |
|           |  |                           |  |        |               |
|           |  |                           |  |        |               |
|           |  |                           |  |        |               |
|           |  |                           |  |        |               |

Note:

The Action ID format: IR/{F,T}X-YY, where F - Face-to-Face Meeting; T - Teleconference; X - Number of meeting; YY - Number of action item

# 5. NARAHG Conops (Action IR/F1-02)

## Action Items

| Action ID | What   | Who                       | Due Date                               | Status | Remarks       |
|-----------|--|---------------------------|--|--------|---------------|
| IR/F1-01  | Consult with SMEs to clarify the CTO   | ICAO                      | ATFM/IR/SWG/F2F/2                      | -      |               |
| IR/F1-02  | Develop NARAHG Concept of Operation and simplified operation scenarios                     | NARAHG Team               | ATFM/IR/SWG/F2F/2<br>End of Jan 2019   | Open   |               |
| IR/F1-03  | Complete the Regional ATFM Harmonization Implementation Plan through IR/SWG teleconference | All                       | ATFM/IR/SWG/F2F/2<br>ATFM/IR/SWG/F2F/3 | Open   |               |
| IR/F1-04  | Draft the revision of the IR/SWG TOR   | ICAO                      | ATFM/IR/SWG/F2F/2<br>End of Jan 2019   | Open   |               |
| IR/F1-05  | Analyze the trend of CTOT paper trial (including ELDT, CLDT and Calculated time of FIR)    | Hong Kong China and Japan | ATFM/IR/SWG/F2F/2<br>ATFM/IR/SWG/F2F/3 | Open   |               |
| IR/F2-01  | Review common ADP file name and email subject proposed by Multi-Nodal Group                | NARAHG Team               | End of Dec 2018                        | Open   |               |
| IR/F2-02  | Review draft revision TOR  | ALL                       | End of Feb 2019                        | Open   | Ref: IR/F1-04 |
| IR/F2-03  | Review the proposal of Phase 0 from Multi-Nodal group                                      | NARAHG Team               | 20 Dec 2018                            | Open   |               |
| IR/F2-04  | Draft WP to ATFM/SG/9  | ALL                       | ATFM/IR/SWG/F2F/3                      | Open   |               |
|           |  |                           |  |        |               |
|           |  |                           |  |        |               |
|           |  |                           |  |        |               |
|           |  |                           |  |        |               |
|           |  |                           |  |        |               |

Note:

The Action ID format: IR/{F,T}X-YY, where F - Face-to-Face Meeting; T - Teleconference; X - Number of meeting; YY - Number of action item

6. WP to ATFM/SG/9  
(Action IR/F2-04)



ICAO

International Civil Aviation Organization

Ninth Meeting of the ICAO Asia/Pacific Air Traffic Flow Management Steering Group (ATFMSG/9)

Bangkok, Thailand, 22 – 26 April 2019

ATFMSG/9–WP/XX

22/04/2019 - 26/04/2019

## Agenda Item 2: Review Outcomes of Related Meetings

### PROGRESS OF THE ATFM INFORMATION REQUIREMENT SMALL WORKING GROUP (ATFM/IR/SWG)

(Presented by ATFM/IR/SWG)

#### SUMMARY

This paper presents (ICAO)

## 1. INTRODUCTION

### Background (ICAO)

1.1 TEXT

### Regional concept (ICAO)

1.2 TEXT

### Multi-Nodal introduction (Multi-Nodal group)

1.3 TEXT

### NARAHG introduction (NARAHG)

1.4 TEXT

### India ATFM implementation introduction (India)

1.5 TEXT

### China, Mongolia, and Russia cross-border ATFM introduction (China or Mongolia?)

1.6 TEXT

### Importance of harmonization/interoperability (ICAO)

1.7 TEXT

## 2. DISCUSSION

### New TOR (ICAO)

2.1 TEXT (PLEASE USE THIS FORMAT WITH AUTO PARAGRAPH NUMBERING ETC TO AVOID EXTRA WORK FOR THE SECRETARIAT)

### ADP file name (any volunteer?)

2.2 TEXT

### Phase 0 (any volunteer?)

2.3 TEXT

### Phase 1 Mixed-Mode ATFM Ops (any volunteer?)

2.4 TEXT

### Any other? (any volunteer?)

2.5 TEXT

## 3. ACTION BY THE MEETING

3.1 The meeting is invited to:

- a) note the information contained in this paper;
  - b) discuss and agree to the **Draft Conclusion/Decision ATFMSG/9-X (TOR)**;
  - c) discuss and agree to the **Draft Conclusion/Decision ATFMSG9-X (ADP)**; and
  - d) discuss any relevant matters as appropriate.
- .....

### TOR

| <b>Draft Conclusion/Decision ATFMSG/9-X: TITLE</b> |   |
|--|---|
| What: XXXXXXXX                                     | Expected impact:<br><input type="checkbox"/> Political / Global<br><input type="checkbox"/> Inter-regional<br><input type="checkbox"/> Economic<br><input type="checkbox"/> Environmental<br><input type="checkbox"/> Ops/Technical |

|   |  |
|---|--|
| Why: XXXXXXXXXXXX   | Follow-up: <input type="checkbox"/> Required from States |
| When: dd-Mmm-yy   | Status: Draft to be adopted by Subgroup                  |
| Who: <input type="checkbox"/> Sub groups <input type="checkbox"/> APAC States <input type="checkbox"/> ICAO APAC RO <input type="checkbox"/> ICAO HQ <input type="checkbox"/> Other: XXXX |  |

ADP file name

|   |   |
|---|---|
| <b>Draft Conclusion/Decision ATFMSG/9-X: TITLE</b>  |   |
| What: XXXXXXXX  | Expected impact:<br><input type="checkbox"/> Political / Global<br><input type="checkbox"/> Inter-regional<br><input type="checkbox"/> Economic<br><input type="checkbox"/> Environmental<br><input type="checkbox"/> Ops/Technical |
| Why: XXXXXXXXXXXX   | Follow-up: <input type="checkbox"/> Required from States  |
| When: dd-Mmm-yy   | Status: Draft to be adopted by Subgroup   |
| Who: <input type="checkbox"/> Sub groups <input type="checkbox"/> APAC States <input type="checkbox"/> ICAO APAC RO <input type="checkbox"/> ICAO HQ <input type="checkbox"/> Other: XXXX |   |

Any other?

|   |   |
|---|---|
| <b>Draft Conclusion/Decision ATFMSG/9-X: TITLE</b>  |   |
| What: XXXXXXXX  | Expected impact:<br><input type="checkbox"/> Political / Global<br><input type="checkbox"/> Inter-regional<br><input type="checkbox"/> Economic<br><input type="checkbox"/> Environmental<br><input type="checkbox"/> Ops/Technical |
| Why: XXXXXXXXXXXX   | Follow-up: <input type="checkbox"/> Required from States  |
| When: dd-Mmm-yy   | Status: Draft to be adopted by Subgroup   |
| Who: <input type="checkbox"/> Sub groups <input type="checkbox"/> APAC States <input type="checkbox"/> ICAO APAC RO <input type="checkbox"/> ICAO HQ <input type="checkbox"/> Other: XXXX |   |

# 7. Post Operations Analysis Framework (Action ATFM/SG 8/8)

ATFM/SG/8  
Appendix C to the Report

**Air Traffic Flow Management Steering Group**

**Task List**

*(last updated ATFM/SG/8, 18 May 2018)*

| ACTION ITEM | DESCRIPTION  | TIME FRAME             | RESPONSIBLE PARTY   | STATUS                    | REMARKS   |
|-------------|--|------------------------|---|---------------------------|---|
| 2/2         | Research guidance material on ATFM compliance analysis and improvement   | ATFM/SG/8<br>ATFM/SG/9 | Australia/Secretariat<br>Participating States to be confirmed by Secretariat coordination (ATFM/SG/8) | Open                      | Can be sourced from EUROCONTROL   |
| 2/5         | Align Asia/Pacific BANP Volume 1 ATFM provisions with the ATFM framework and Doc 9971  | ATFM/SG/8              | Secretariat   | <del>Open</del><br>Closed | In consultation with ATFM/SG<br>May require longer time frame due to transition to EANP.<br>Regional requirements for ATFM are included in ANP Volume III, which references the elements of the Asia/Pacific Seamless ATM Plan including ATFM elements. |
| 3/5         | Coordinate with MET/R WG to invite appropriate Aviation Meteorology experts to participate in ATFM Specialist Team activities. | Ongoing                | Secretariat   | Closed                    |   |

ATFM/SG/8  
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| ACTION ITEM | DESCRIPTION  | TIME FRAME | RESPONSIBLE PARTY        | STATUS | REMARKS  |
|-------------|--|------------|--------------------------|--------|--|
| 5/1         | <p>Poor on time performance of BOBCAT aircraft subject to ATFM procedures has direct impact on efficiency of ATFM procedures. All parties to undertake investigation as to reason for poor on-time performance including:</p> <ul style="list-style-type: none"> <li>a) Non compliance with BOBCAT CTOT– early and late departures</li> <li>b) Non compliance with BOBCAT Kabul FIR CTO– early and late at Kabul entry fix.</li> </ul> | Ongoing    | Affected States,<br>IATA | Open   | <p>Transferred to ATFM/SG by SAIOACG/5</p> <p>Poor punctuality performance is actively being monitored and rectified where possible by IATA/States.</p> <p>SAIOACG/5: this is still problematic.</p>   |
| 5/2         | More information from BOBCAT to be made available for tactical decisions in addition to the Kabul FIR entry  | ATFM/SG/7  | Thailand, India          | Closed | <p>Transferred to ATFM/SG by SAIOACG/5</p> <p>Thailand will communicate with stakeholders about an upgrade in terms of sharing information more like a CDM system. It needs to be clear that the extra information was not a ‘controlling’ tool.</p> |

ATFM/SG/8  
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| ACTION ITEM | DESCRIPTION  | TIME FRAME       | RESPONSIBLE PARTY                               | STATUS                    | REMARKS  |
|-------------|--|------------------|---|---------------------------|--|
| 5/3         | <p>BOBCAT slot allocation may be considered beyond 2000 – 2359UTC</p> <p>ATFM/SG/5: Need information on what the problems are: e.g. incomplete implementation of 50NM separation, concentration of flights on too few routes.</p> <p>Capacity constraints.</p> | ATM/SG/4         | India/Thailand                                  | Closed                    | <p>Transferred to ATFM/SG by SAIOACG/5</p> <p>India to provide data to support an extension.</p> <p>All involved to consider operational impact. Thailand to consider operational impact of the extension – need to share data and airlines to look at impact. Such change will require a 90-day notice.</p> |
| 5/4         | <p>Cross-boundary restrictions on flights through the Sanya FIR (several States)</p>   | Ongoing          | China/Hong Kong<br>China/Singapore/Thailand/RSO | Open                      | <p>Transferred to ATFM/SG by SEACG/22</p> <p>The SEACG/21 meeting was apprised of concerns that the Sanya FIR was occasionally imposing increased longitudinal spacing requirements. The parties to meet and discuss a resolution plan.</p>  |
| 5/8         | <p>FIXM extension as identified at ATFM/SG/7</p>   | 30 November 2018 | ATFM/IR/SWG                                     | <del>Open</del><br>Closed | <p>Updated in discussion at ATFM/SG.<br/>Tasks 7/6, 7/7, 7/8.</p>  |

ATFM/SG/8  
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| ACTION ITEM | DESCRIPTION  | TIME FRAME             | RESPONSIBLE PARTY  | STATUS    | REMARKS  |
|-------------|--|------------------------|--|-----------|--|
| 5/10        | Develop First Draft Operational Requirements Document  | ATFM/SG/8<br>ATFM/SG/9 | ATFM/IR/SWG  | Open      | Dependent on meeting schedule cycle  |
| 5/11        | In cooperation with the SWIM/TF, develop a first draft interface control document (ICD) for cross border ATFM described in the Regional Framework for Collaborative ATFM | ATFM/SG/8<br>ATFM/SG/9 | ATFM/IR/SWG  | Open      | Dependent on meeting schedule cycle  |
| 5/12        | Research and Development (from Framework)  | ATFM/SG/9              | ATFM/SG/9 Secretariat to coordinate                      | Open      | Dependent on meeting schedule cycle  |
| 5/13        | Research ATFM for long range flights   | ATFM/SG/8<br>Ongoing   | ATFM/SG India/New Zealand /Singapore/Thailand/CANSO/IATA | Open      |  |
| 5/14        | Review of Regional Collaborative Framework for ATFM  | Ongoing                | ATFM/SG  | Open      |  |
| 6/1         | Analysis of non-receipt of FPL and DEP messages, and State Letter/follow-up  | ATFM/SG/8<br>ATM/SG/6  | ICAO, States, IATA                                       | Open      | Subject to Agreement of APANPIRG to DC ATFM/SG/6-2 States to provide data, ICAO to conduct analysis and follow-up. Analysis conducted. Follow up actions and outcomes to be reported to ATM/SG/6 |
| 6/2         | Detailed list of non-compliance with BOBCAT entry times  | ATFM/SG/8<br>Ongoing   | Thailand   | Open      | To be provided in conjunction with BOBCAT update papers, with a link to where the list is available.   |
| 6/3         | Update BOBCAT system and procedures to use CTOT instead of AWUT  | ATFM/SG/7              | Thailand   | Completed |  |

ATFM/SG/8  
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| ACTION ITEM | DESCRIPTION  | TIME FRAME             | RESPONSIBLE PARTY  | STATUS                       | REMARKS   |
|-------------|--|------------------------|--|------------------------------|---|
| 6/4         | States to ensure ATC Tower local operating procedures include reference to ATC active participation in the achievement of CTOT compliance  | ATFM/SG/7              | States   | Closed                       | ATFM/SG/7 - Addressed by updated Framework performance objectives and new Implementation Status reporting regime. |
| 6/5         | Proposal for Framework amendment to include further development of existing MIT and MINIT in performance improvement plan  | ATFM/SG/7              | IATA/Thailand  | Closed                       | Doc 9971 Edition 3 includes combined ATFM measures.   |
| 6/6         | ICD template to SWG and Multi-Nodal Trial Tech Sub-Group   | 30 June 2016           | ICAO   | Closed                       |   |
| 7/1         | Investigate and Develop a draft PfA for Doc 7030 Regional Supplementary Procedures for Cross-border ATFM   | ATFM/SG/8<br>ATFM/SG/9 | Singapore/Thailand/Secretariat   | Open                         | Final Decision on this yet to be made.<br>Update ref ATFM/SG/9 report ADEXP and EET in FPL                        |
| 7/2         | Review Doc 9971 – Manual on Collaborative ATFM and propose changes to Regional Framework for Collaborative ATFM to ensure alignment or identify acceptable differences and develop a proposal for amendment of the Framework | ATFM/SG/8<br>ATFM/SG/9 | China/Hong Kong<br>China/Thailand/Secretariat                              | Open                         | Thailand provided an analysis of differences.   |
| 7/3         | Get information on planned implementation of surveillance-based separation, current capacity limitations and any planned capacity improvements in Kabul FIR and examine any outcomes for BOBCAT                              | ATFM/SG/8<br>ATFM/SG/9 | IATA/Secretariat/Thailand  | Open                         |   |
| 7/4         | Follow up on non-receipt of DEP messages   |                        | Secretariat/Australia, Hong Kong China, India, Japan, Singapore, Thailand. | <del>Open</del><br>Completed | ATFM/SG/7 Meeting Report paragraph 4.33<br>See new tasks assigned by ATFM/SG/8                                    |
| 7/5         | Analysis of MET requirements to support Non-ASBU elements of Seamless ATM Plan   | ATM/SG/5               | Secretariat  | <del>Open</del><br>Completed | ASBU Elements addressed at global level   |

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Appendix C to the Report

| ACTION ITEM | DESCRIPTION   | TIME FRAME                                 | RESPONSIBLE PARTY   | STATUS            | REMARKS  |
|-------------|---|--|---|-------------------|--|
| 7/6         | Provide template and example for operational scenarios for FIXM data attributes   | 31 August 2017                             | Singapore/Thailand  | Open<br>Completed | For use in developing operational scenarios supporting FIXM extension  |
| 7/7         | Develop operational scenarios for FIXM Extension  | <del>15 October 2017</del><br>31 July 2018 | China/Hong Kong<br>China/Japan/Singapore/Thailand/Secretariat | Open              | Subject to further scenario development as Regional ATFM matures.  |
| 7/8         | <del>Draft FIXM Extension</del><br>Finalize APAC FIXM Extension Version 1   | ATFM/SG/8<br>30 September 2018             | ATM/IR/SWG<br>SWIM TF   | Open              | In consultation with SWIM/TF<br>Changed to reflect the responsibility for development of exchange models, as assigned by APANPIRG, and the likely need for future Regional ATFM and A-CDM FIXM attributes<br>To be submitted to FIXM CCB |
| 8/1         | Follow-up with MET R WG on Asia/Pacific Regional Guidance for Meteorological Information Supporting ATM.                              | 21 May 2018                                | Secretariat   | Open              |  |
| 8/2         | Coordinate use of IATA A-CDM Brochure in development of Regional A-CDM implementation plan, and uploading to Regional Office web-page | APA-CDM/TF/3                               | Secretariat   | Open              |  |
| 8/3         | Investigate instances and reasons for non-compliance with CTOT at Jakarta and inform Multi-Nodal ATFM Project at next meeting         | 31 August 2018                             | Indonesia   | Open              |  |
| 8/4         | Research State requirements for and implications of different qualification schemes for ATFM personnel                                | ATFM/SG.9                                  | India, Japan, Secretariat                                     | Open              |  |

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Appendix C to the Report

| ACTION ITEM | DESCRIPTION  | TIME FRAME  | RESPONSIBLE PARTY  | STATUS | REMARKS  |
|-------------|--|-------------|--|--------|--|
| 8/5         | ATFM Points of Contact for Implementation Status Reporting | 31/12/2018  | States   | Open   | Reports to be submitted by end of April each year              |
| 8/6         | Refinement of suite of ATFM coordination phrases           | 25 May 2018 | CANSO Secretariat  | Open   | Clarify call/reply communication procedure-related items only. |
| 8/7         | Review and provide comment to SWIM TF on FIXM scenarios    | 31 May 2018 | States   | Open   | ATFM/SG/8 Meeting Report 5.19                                  |
| 8/8         | First Draft of ATFM Post-Operations Analysis Framework     | ATFM/SG/9   | Australia, Hong Kong China, India, Japan, Singapore, Thailand, USA | Open   |  |

8. Any other business

## **Participants List**

Please review your information, especially your name  
(Nametag will be prepared by JCAB)

## **Papers for the meeting**

In any format (ppt, word, excel, etc.)