

## 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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