

ATFM-IR SWG Roadmap

Phase 0: ADP Exchange

Target implementation: 2019

1. Identify the common format of ADP filename and e-mail subject
2. Exchange ADP in PDF format via e-mail

Phase 1: ATFM Information Exchange Using Conventional Protocol

Target implementation: 2019 - 2022

Phase 1 Stage 1: Development and Validation

Outcome: (1) Validated SOP and (2) Validated data exchange method

I. Trajectory Modelling Accuracy Analysis

1. Identify the waypoints considered as the entering/crucial points for traffic flow from Southeast Asia to Northeast Asia

2019/04/05 Discussion result

Focus on northbound

- A1/A202 → A470, M771 → A470, A581, R474 → TEBAK
- All traffic over DOTMI

2. Draft the initial set of operational scenarios
3. Analyze the accuracy of trajectory model from data specified in 2., e.g. by comparing ETO calculated from FPL with ATO obtained from surveillance track data
4. Finalize the operational scenarios

II. SOP Development

5. Develop SOP based on operational scenarios finalized in 4.
6. Finalize SOP draft
7. Identify data elements required to be exchanged to support the operations in accordance with SOP finalized

III. Data Exchange Method Specification

8. Identify communication specification, including protocol, to support the operations in accordance with SOP finalized
9. Communication test

IV. SOP Validation and Data Exchange Method Validation

10. Establish communication linkage
11. Message test

Phase 1 Stage 2: Operational Trial

TBD

Phase 2: ATFM Information Exchange based on SWIM Concept

Target implementation: 2022?