

# **Asia/Pacific Regional FF-ICE/R1 Implementation Plan**

Presented by Singapore and Thailand  
on behalf of the FF-ICE Ad-Hoc Group



# FF-ICE Ad-Hoc Group History

- > Established by ATM/SG/11, October 2023
- > To develop regional FF-ICE/R1 operational requirements and implementation strategy
- > 4 in-person activities: tabletop exercise, workshop, meeting



# APAC Regional FF-ICE/R1 Implementation Plan

## Overview

- > Regional strategy and guidance, **a practical roadmap**, for the implementation of FF-ICE/R1 within APAC
- > Supplement the global FF-ICE concepts and objectives with the regional context, while remain aligned with ICAO provisions
- > Focus on the **operational and technical requirements** for FF-ICE/R1 services implementation

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ASIA/PACIFIC REGIONAL FLIGHT AND FLOW – INFORMATION FOR A  
COLLABORATIVE ENVIRONMENT RELEASE 1 (FF-ICE/R1) IMPLEMENTATION PLAN

Version 1.0, xxxx yyyy

This guidance was developed by the Asia/Pacific Flight and Flow  
Information for a Collaborative Environment Ad Hoc Group

Approved by APANPIRG/xx and published by the  
ICAO Asia and Pacific Office, Bangkok

# APAC Regional FF-ICE/R1 Implementation Plan

## Overview

- > Identified and recommended **areas of harmonization** for APAC
  - >> Type of validation checks for eFPL
  - >> Interpretation of Filing Status
  - >> Feedback methods for restrictions/constraints
  - >> **Filing Status responses for identified ATFM scenarios**
  - >> etc.

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# Interaction between ATFM and FF-ICE Services

- > **ATFM remains a separate process from FF-ICE services**
- > Evaluation of eFPLs require checks against restrictions and constraints to ensure comprehensive evaluation of flight plan acceptability
  - >> Aerodrome, airspace, and route availability
  - >> **ATFM measures**
  - >> Aircraft operations requirements
  - >> etc.

Filing Status	Interpretation	Expected eAU Action
<b>ACCEPTABLE</b>	The flight plan complies with operational requirements. <i>Any constraints identified can be accommodated without flight plan modifications.</i>	<p>No immediate action or update required.</p> <p>Note any provided constraints for awareness.</p> <p>Prepare for possible tactical clearances reflecting identified constraints.</p>
<b>NOT ACCEPTABLE</b>	The flight plan does not comply with operational requirements and <i>requires modification.</i>	<p>Submit Flight Plan Update to address non-compliance.</p> <p>If close to EOBT, the operator may be unable to update their flight plan in time using FF-ICE/R1 processes. In these cases, the operator may update their flight plan as needed through tactical coordination with ATC.</p> <p>Note: if departure eASP provides a “Not Acceptable” Filing Status, eAU can expect refusal to start-up clearance if non-compliance requires flight plan modification (e.g. aerodrome closure). This does not apply to “Not Acceptable” status received from downstream eASPs.</p>
<b>PENDING</b>	Flight plan evaluation has not yet been performed.	<p>Await subsequent Filing Status update.</p> <p>Monitor Expected Evaluation Time if provided.</p>

**“The Filing Status is intended to indicate the acceptability of a proposed route or trajectory within airspace where ATS is provided. It cannot be interpreted as the issuance of ATC clearance.”**

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## **Harmonized Filing Status Responses for Identified ATFM Scenarios**

- 1** CTO or CLDT imposed by eASPs
- 2** Ground Stop imposed by arrival eASPs
- 3** Flight level restrictions imposed by relevant eASPs
- 4** Fix balancing imposed by relevant eASPs
- 5** Re-routing imposed by relevant eASPs

# Proposal on Regionally-Agreed Filing Status Response for Identified ATFM Scenarios

- > Sections 6.3.6.4.3 to 6.3.6.4.7
  - >> **“Not Acceptable” Filing Status**, to highlight to eAUs on the need to action
  - >> eAUs to submit **Flight Plan Update** to comply with the assigned restrictions/constraints
- > Sections 6.3.6.4.9
  - >> Compliance checking by eASPs
- > Appendix C
  - >> Planning Service:  
“Non-Concur” Planning Status

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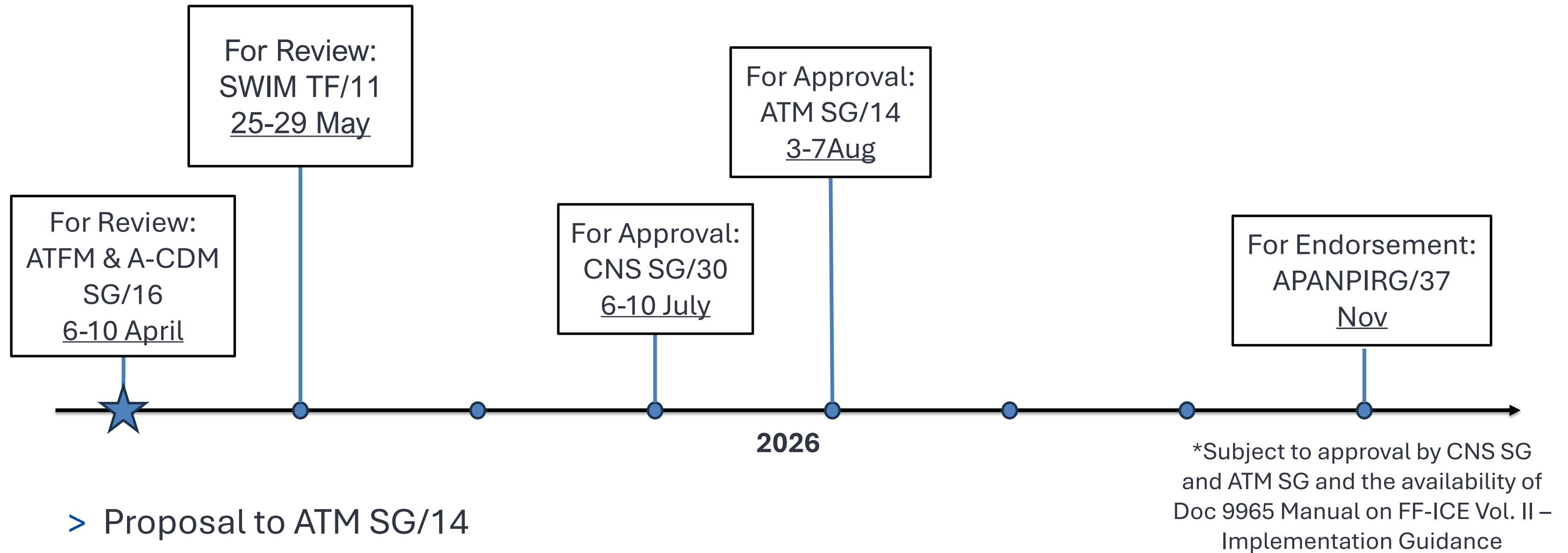
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# Next Steps



- > Proposal to ATM SG/14
  - >> Dissolve of the FF-ICE Ad-Hoc Group
  - >> Establish the APAC FF-ICE Implementation Task Force to address
    - = Transition from FPL2012 to FF-ICE
    - = Operations in a mixed-mode environment
    - = FF-ICE/R1 implementation issues
    - = etc.

# Action by the Meeting

The meeting is invited to:

- a) note the information contained in this paper;
- b) review the APAC FF-ICE/R1 Plan, including the harmonized responses for the selected ATFM scenarios; and
- c) discuss any relevant matters as appropriate.



**THANK YOU**

