

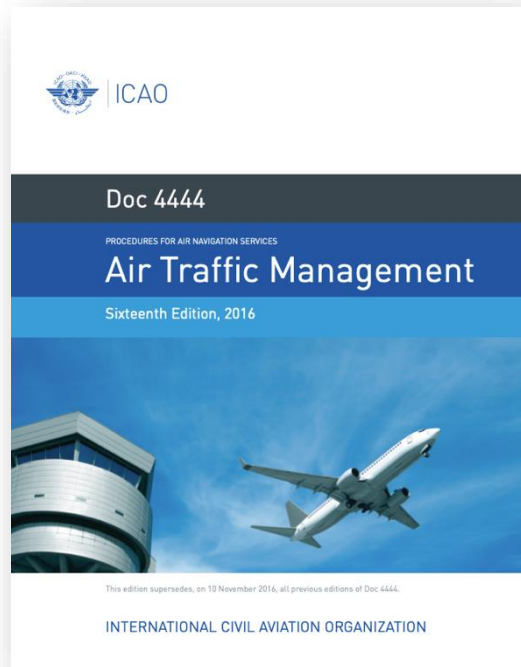


Regional FF-ICE Implementation Framework

The 2nd ICAO APAC FF-ICE Ad-Hoc Group Meeting and Workshop
18 – 20 March 2025

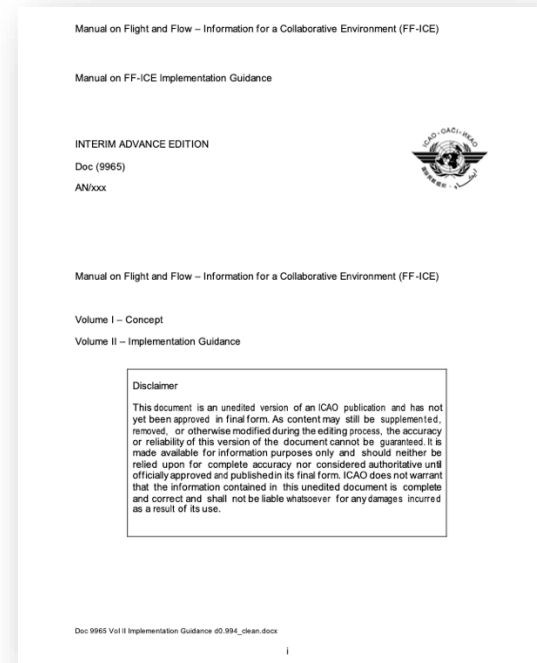


ICAO Global Provisions and Guidance



ICAO Doc 4444 PANS-ATM, Chapter 17

- General FF-ICE provisions, messages, procedures
- High-level technical and interoperability requirements



Doc 9965 Manual on FF-ICE

- Vol. I Concept
- Vol. II Implementation Guidance
(to be published ~ Q2/2025)

A guidance for ASP and AU for implementing related SARPs



Why a Regional Implementation Framework?



- Consistency
- Interoperability
- Common procedures and processes

Regional Implementation Plan

- Capability
- Implementation target date



Proposed Scope of the Framework



- All 6 FF-ICE/R1 services
 - > Mandatory services
 - > Optional services
 - > Mixed-mode environment



Proposed Major Contents



APAC Regional Implementation Plan

- General
 - > Information exchange models
 - > GUF
 - > Mix-mode operation
 - + Implementation consideration
 - + FPL2012/eFPL translation
 - + eASP and eAU responsibilities
 - > Re-evaluation process introduction
 - > Cyber security



Proposed Major Contents



APAC Regional Implementation Plan (con't)

- 6 FF-ICE/R1 services
 - > Technical considerations, e.g.
 - + Information exchange model standards
 - + Messaging infrastructure
 - + Data storage and retrieval
 - + Performance
 - > Operational considerations
 - > Messages
 - + Mandatory fields for the region
 - + Feedback response
 - + Versioning
 - + 'Lock-out' period
 - etc.



Proposed Major Contents

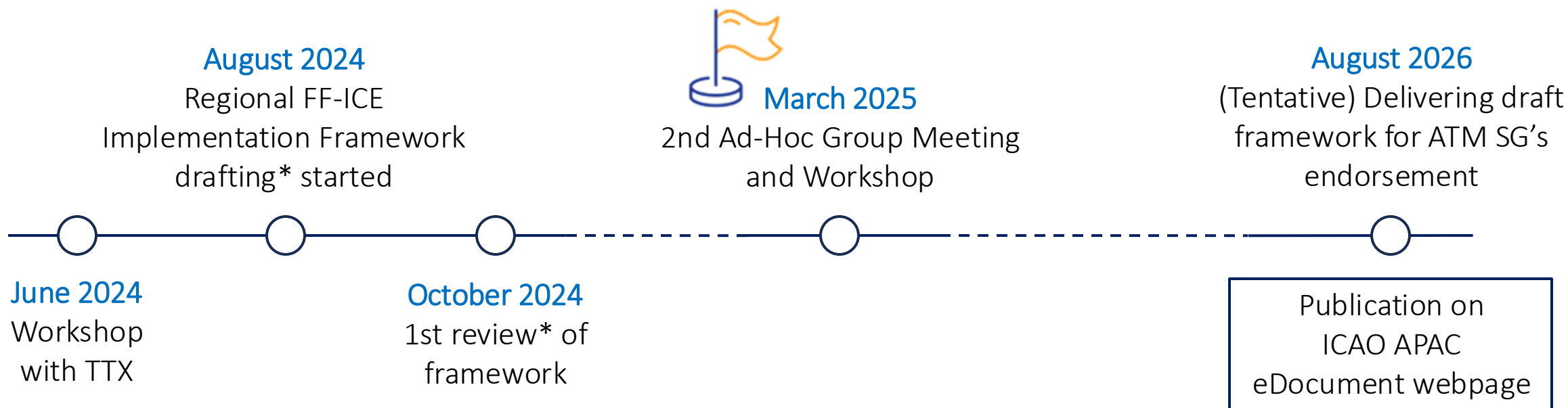


APAC Regional Implementation Plan (con't)

- Re-evaluation process
- Validation and verification
- Implementation monitoring
- Framework update cycle and process
- Post-implementation process
 - > Operational issue reporting
 - > Implementation coordination



Framework Drafting Plan



*Core team of Ad-Hoc Group: Members from Singapore (CAAS), Thailand (AEROTHAI), and USA (FAA)





THANK YOU

