

## **Flight and Flow Information for Collaborative Environment (FF-ICE) Task Force**

### **Terms of Reference**

#### **Mandate**

The FF-ICE TF is established and mandated by APIRG to establish a framework for the launching of FF-ICE Project supporting the implementation of ICAO Standards and Recommended Practices (SARPs) relating to FF-ICE.

#### **Key Objectives**

As guided by APIRG is to establish a framework in order to foster the implementation of Flight and Flow-Information for a Collaborative Environment (FF-ICE) enabling the transition to a fully collaborative environment, where a flight trajectory is shared and optimized during all phases of a flight (i.e. trajectory-based operations (TBO) environment), for AFI Region.

#### **Tasks**

- a) Analyse and determine the functional requirements for implementation of FF-ICE within the AFI Region using the applicable ICAO Guidance Material.
- b) Consult relevant stakeholders, identify, prioritize and consolidate inputs in order to establish a framework for the launching of the FF-ICE project.
- c) Conduct comprehensive GAP analysis to assess the readiness of AFI States to implement provisions of FF-ICE. Considerations for the GAP analysis will include regulatory amendments required by the state, review and amendments to operational processes and procedures, identification of ATM/CNS systems requirements and training requirements for all involved stakeholders.
- d) Conduct awareness workshops and seminars on FF-ICE developments in the AFI Region.
- e) Develop report on findings for presentation at the AAO/SG and IIM/SG for endorsement at APIRG.

#### **Working methods**

The TF shall convene meetings considering the schedule of TF activities. It shall make use of available electronic communication means including teleconferencing to prepare and progress its work in between meetings and keep its members up to date on issues of concern, as well as to discuss specific issues.

**Composition**

The composition of the TF will consist of technical experts from States, ANSPs, Airspace users and other concerned international organization, coordinated through the Airspace and Aerodrome Operations (AAO) subgroup and the Information and Infrastructure (IIM) Subgroup in accordance with State Letter T 13/19 – 0116 dated 7 March 2024.).

The list of TF Team members are listed below:

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**Reference documents**

- Global Air Traffic Management Operational Concept – ICAO document 9854
- Global Air Navigation Plan (GANP) – ICAO Document 9750
- Procedures for Air Navigation Services – Air Traffic Management (PANS-ATM) (Doc 4444)
- Manual on Global Performance of Air Navigation Services - ICAO Document 9883
- Manual on Flight and Flow – Information for Collaborative Environment - ICAO Document 9965