



ICAO

International Civil Aviation Organization

Seminar on Air Traffic Management Automation System

Bangkok, Thailand, 27 June 2023

Seminar on Air Traffic Management Automation System

Objective – *To promote a better understanding of the future development tendency of the Air Traffic Management Automation System (ATMAS), share individual valuable implementation experiences, and deliberate on concerned topics/issues among the Asia/Pacific (APAC) Member States.*

Background – The Third Meeting of the Asia/Pacific Air Traffic Management Automation System Task Force (ATMAS TF/3) held *from 8 – 10 June 2022* had proposed to set up a half-day seminar to discuss the topics of interest identified by most Member States, including Flight and Flow - Information for a Collaborative Environment (FF-ICE), System Wide Information Management (SWIM), system interoperability, etc., and invited capable States/Administrations to share their experience in ATMAS TF/4.

As a product of the ICAO Global ATM Concept, FF-ICE defines information requirements for flight planning, flow management and trajectory management and aims to be a cornerstone of the performance-based air navigation system. FF-ICE will have global applicability and will support all members of the ATM community to achieve strategic, pre-tactical and tactical performance management. FF-ICE emphasizes the need for information sharing to enable significant benefits. The exchange of flight/flow information will assist the construction of the best possible integrated picture of the past, present and future ATM situation, and enable improved decision making by the ATM actors involved in the entire duration of a flight, i.e. gate-to-gate, thus facilitating 4-D trajectory operations.

The Twenty-Sixth Meeting of the Communications, Navigation and Surveillance Sub-group (CNS SG/26) held *from 5 to 9 September 2022* discussed the proposal to establish a joint work group between the ATM SG and CNS SG to create the FF-ICE implementation strategy. Considering the existing different levels of understanding on FF-ICE among the APAC States/Administrations, the meeting suggested that the ATMAS seminar could be a starting point and relevant outcomes/recommendations may further be considered to bring the matter forward. Additionally, the meeting considered that it might be pre-mature to decide the said proposal and that a dedicated TF/WG may be considered in the future when such need has been fully deliberated by all relevant stakeholders during the seminar to be held by the ATMAS TF. Particularly, SWIM TF and ACSICG experts are invited to participate and contribute to the Seminar to be held by ATMAS TF.

The Seminar aims to share the new technologies implementation and development within ATM Automation Systems from the Member States and industries perspectives, highlight the importance of GANP and the relevant ASBU blocks such as FF-ICE, SWIM, etc., consider contingency plan for any emergency situations, and encourage Member States to discuss other topics of interest and share experiences.
