INF10.20 — Flight Information Exchange (Yellow Profile) - Notification Service

OBJ

Flight Information Exchange addresses the implementation of the FF-ICE/R1 services over SWIM that are required to exchange pre-departure flight information. Service implementations shall be compliant with the applicable version of the FIXM standard. Flight information exchanges are performed in conformance with the EUROCONTROL SWIM specifications.

It is important to highlight that there will be a transition period (expected to be quite long) with mixed modes of operations. Given the global reach of the concerned stakeholder groups (mainly in relation to AUs) and the lack of implementation mandates on some of them (stakeholders for which the transition is voluntary, business-case dependant), there will be a combination of FF-ICE capable and FF-ICE-non-capable stakeholders. During the transition period, stakeholders implementing FF-ICE/R1 may need to continue to support the current ICAO FPL 2012 format via the traditional communication means.

Adoption of FF-ICE/R1 organisational provisions by concerned stakeholders is pre-requisite for actual deployment and use of FF-ICE/R1 services over SWIM.

Notification service implements the capability to notify FF-ICE-enabled stakeholders about flight departure and arrival events (replacement of DEP and ARR).

NOTE: For a full description of the services as well as of the associated system requirements, see the Family 5, in the SESAR Deployment Programme edition 2022, Approved by the European Commission.

NOTE FOR MILITARY AUTHORITIES: It is the responsibility of each military authority to review this Objective IN ITS ENTIRETY and address each of the SLoAs that the military authority considers RELEVANT for itself. This has to be done on top and above of the review of "MIL" SLoAs which identify actions EXCLUSIVE to military authorities.

Edition	2022
Stakeholders	Air Navigation Service Provider / Network Manager
Type	CP1
Scope	EU
Status	Active

Context

Related Elements

OBJ INF10.20

OI AUO-0207

Applicability Area(s) and Timescales

Applicability Area 1:	All EU SES States *(All EU SES States)*
Applicability Area 2:	United Kingdom

Timescales	From	By	Applicable to
Initial Operational Capability	01-01-2021	-	Applicability Area 1 + Applicability Area 2
Full Operational Capability / Target Date	-	31-12-2025	Applicability Area 1 + Applicability Area 2

Source: European ATM Portal - **Report produced:** 06-05-2024 - **Date refresh:** 28-09-2023
EATMA data version: EATMA V12.1 - **ATM Master Plan data set version:** Dataset 19 Public - **MP L3 Edition:** MP L3 Plan 2022

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Links to ATM Master Plan Level 2

OI Operational Improvment Steps

Code	Title	IOC	FOC	Related Elements
AUO-0207	Preliminary flight planning	31-12-2024	31-12-2030	SOL EN DS ICAO

SOL Links to SESAR Solutions

Code	Title	Program	Related Elements
No record found			

PCP Links to PCP ATM Sub-Functionalities

Code	Title	Related Elements
No record found		

ICAO ICAO Block Modules: No associated data

References

Applicable legislation
Regulation (EU) 2021/116 on the establishment of the Common Project One
Applicable ICAO Annexes and other references
None
Deployment Programme 2022
Family 5.6.1 - Flight Information Exchange
Operating Environments
-

Expected Performance Benefits

Safety	-
Capacity	-
Operational efficiency	-
Cost efficiency	-
Environment	-
Security	-

Source: European ATM Portal - **Report produced:** 06-05-2024 - **Date refresh:** 28-09-2023
EATMA data version: EATMA V12.1 - **ATM Master Plan data set version:** Dataset 19 Public - **MP L3 Edition:** MP L3 Plan 2022

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Stakeholder Lines of Action

Code	Title	From	By	Related Enablers
ASP01	Consume the NM FF-ICE/R1 Notification Service	01-01-2021	31-12-2025	
ASP02	Operational use	01-01-2021	31-12-2025	
NM01	Develop FF-ICE/R1 Notification Service	01-01-2021	31-12-2025	
NM02	Provide the FF-ICE/R1 Notification Service	01-01-2021	31-12-2025	

Supporting Material

Title	Related SLoAs
SDM - Standardisation and Regulation support to CP1 deployment 2021, Deliverable D1.1.1 07/2021 https://www.sesardeploymentmanager.eu/publications/deployment-programme	ASP01, ASP02, NM01, NM02

Consultation & Approval

Working Arrangement in charge	-
Outline description approved in	-
Latest objective review at expert level	-
Commitment Decision Body	-
Objective approved/endorsed in	-
Latest change to objective approved/endorsed in	-