

CP1		Active							EU	
INF10.18		Flight Information Exchange (Yellow Profile) - Filing Service								
REG	ASP	MIL	APO	USE	INT	IND	NM	MET	AIS	USP

Subject matter and scope

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. 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.

Filing Service implements:

- FF-ICE flight plan (eFPL, including updates and cancellations) submission to the Network Manager that includes information such as 4D trajectory information, flight specific performance data and the Global Unique Flight Identifier (GUFI).
- Feedback provision (validation and flight status) to eFPL originators.

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.

Applicability Area(s) & Timescale(s)

Applicability Area 1		All EU SES States			
Timescales:		From:	By:	Applicable to:	
Initial Operational Capability		01/01/2021		Applicability Area 1	
Full Operational Capability / Target Date			31/12/2025	Applicability Area 1	

References

European ATM Master Plan

OI step -	[AUO-0207]-Preliminary flight planning									
Enablers -	AOC-ATM-25	NIMS-57	SWIM-APS-19	SWIM-APS-20	SWIM-APS-21	SWIM-APS-22				

Legend:	WXYZ-001	Covered by SLoA(s) in this objective	WXYZ-002 zzz	Covered by SLoA(s) in another objective Objective covering the enabler	WXYZ-003	Not covered in the Implementation Plan
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Applicable legislation

Regulation (EU) 2021/116 on the establishment of the Common Project One

Essential Operational Changes

ATM Interconnected Network

SESAR Solution

#46 - SWIM Yellow Profile

ICAO GANP - ASBUs

FICE-B2/2	Filing Service
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Deployment Programme

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5.6.1	Flight Information Exchange
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European Plan for Aviation Safety

- none -

Operating Environments

Airport
En-Route
Network
Terminal Airspace

Stakeholder Lines of Action (SLoAs)

SLoA ref.	Title	From	By
INF10.18-USE01	Consume the NM FF-ICE/R1 Filing Service	01/01/2021	31/12/2025
INF10.18-USE02	Operational use	01/01/2021	31/12/2025
INF10.18-NM01	Develop FF-ICE/R1 Filing Service	01/01/2021	31/12/2025
INF10.18-NM02	Provide the FF-ICE/R1 Filing Service	01/01/2021	31/12/2025

Description of finalised and deleted SLoAs is available on the eATM Portal @ https://www.eatmportal.eu/working/depl/essip_objectives

Expected Performance Benefits

Safety:	-
Capacity:	-
Operational Efficiency:	-
Cost Efficiency:	-
Environment:	-
Security:	-

Detailed SLoA Descriptions

INF10.18-USE01	Consume the NM FF-ICE/R1 Filing Service	From: 01/01/2021	By: 31/12/2025
Action by:	Airspace Users		
Description & purpose:	The AU system is upgraded to be able to use the NM FF-ICE/R1 Filing Service for the submission of eFPLs and any updates to NM.		
Supporting material(s):	SDM - Standardisation and Regulation support to CP1 deployment 2021, Deliverable D1.1.1 07/2021 Url : https://www.sesardeploymentmanager.eu/publications/deployment-programme		
Finalisation criteria:	1 - The AU system consumes the NM FF-ICE/R1 Filing Service.		
INF10.18-USE02	Operational use	From: 01/01/2021	By: 31/12/2025
Action by:	Airspace Users		
Description & purpose:	The system is used to support daily operations once the systems have been implemented, the procedures are in place, the capability assessment has been delivered, and the training has been completed.		
Supporting material(s):	SDM - Standardisation and Regulation support to CP1 deployment 2021, Deliverable D1.1.1 07/2021 Url : https://www.sesardeploymentmanager.eu/publications/deployment-programme		
Finalisation criteria:	1 - The AU system uses the NM FF-ICE/R1 Filing Service.		
INF10.18-NM01	Develop FF-ICE/R1 Filing Service	From: 01/01/2021	By: 31/12/2025
Action by:	NM		
Description & purpose:	The NM system is upgraded to support the FF-ICE/R1 Filing Service; this service is part of the NM B2B Services.		
Supporting material(s):	SDM - Standardisation and Regulation support to CP1 deployment 2021, Deliverable D1.1.1 07/2021 Url : https://www.sesardeploymentmanager.eu/publications/deployment-programme		
Finalisation criteria:	1 - The FF-ICE/R1 Filing Service is developed.		
INF10.18-NM02	Provide the FF-ICE/R1 Filing Service	From:	By:

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		01/01/2021	31/12/2025
Action by:	NM		
Description & purpose:	<ul style="list-style-type: none"> • Validations and live trials of the FF-ICE/R1 Filing Service • SWIM compliance activities • Deployment in operations • This milestone supports the Family 4.3.1 NM-DM4 – Upgrade NM System related to FF-ICE Release 1 		
Supporting material(s):	SDM - Standardisation and Regulation support to CP1 deployment 2021, Deliverable D1.1.1 07/2021 Url : https://www.sesardeploymentmanager.eu/publications/deployment-programme		
Finalisation criteria:	1 - The FF-ICE/R1 Filing Service is SWIM compliant and available in the SWIM Registry as an operational SWIM compliant service		

