

CP1		Active							EU	
INF10.23		Flight Information Exchange (Yellow Profile) - Extended AMAN SWIM 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 organizational provisions by concerned stakeholders is prerequisite for actual deployment and use of FF-ICE/R1 services over SWIM.

Extended AMAN SWIM Service implements:

- Provision of SWIM service with AMAN data to associated En-Route sectors (eg.: as described in EUROCAE ED254 Arrival Sequence Service Performance Standard)
- Consumption of the extended AMAN data from the AMAN system

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			
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	

References

European ATM Master Plan

Ol 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	

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

DAIM-B2/1	Dissemination of aeronautical information in a SWIM environment
SWIM-B3/1	Air/Ground SWIM for safety critical information

Deployment Programme

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5.6.1	Flight Information Exchange
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European Plan for Aviation Safety

- none -	
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Operating Environments

Airport
En-Route
Network
Terminal Airspace

Stakeholder Lines of Action (SLoAs)

SLoA ref.	Title	From	By
INF10.23-ASP01	Provide the extended AMAN data	01/01/2021	31/12/2025
INF10.23-ASP02	Consume the extended AMAN data	01/01/2021	31/12/2025
INF10.23-ASP03	Operational use	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

INF10.23-ASP01	Provide the extended AMAN data	From: Applicability Area 1: 01/01/2021	By: Applicability Area 1: 31/12/2025
Action by:	ANS Providers		
Description & purpose:	Upgrade of AMAN system to provide extended AMAN data exchanges via a SWIM service to associated En-Route sectors to coordinate the actions to be taken by the cooperative ATSUs to get the best and most efficient arriving flight sequence. This milestone supports the Family 1.1.1 ANSP-DM1: Upgrade ATC systems to support extended AMAN.		
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 AMAN system provides the extended AMAN data exchanges via a SWIM service.		
INF10.23-ASP02	Consume the extended AMAN data	From: Applicability Area 1: 01/01/2021	By: Applicability Area 1: 31/12/2025
Action by:	ANS Providers		
Description & purpose:	Upgrade of ATC system to consume the extended AMAN data exchanges from the AMAN system. This milestone supports the Family 1.1.1 ANSP-DM1: Upgrade ATC systems to support extended AMAN.		
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 ATC system consumes the extended AMAN data exchanges via a SWIM service.		
INF10.23-ASP03	Operational use	From: Applicability Area 1: 01/01/2021	By: Applicability Area 1: 31/12/2025
Action by:	ANS Providers		
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.		

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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 ATC system uses the extended AMAN data exchanged via a SWIM service in daily operations.

