INF10.8 — Aeronautical Information Exchange - Aeronautical Information Features service

OBJ

SWIM comprises standards, infrastructure and governance enabling the management of information and its exchange between operational stakeholders via interoperable services.

This implementation objective is addressing the Aeronautical information feature Service which provides on-request aeronautical information features as a data service. It allows to query and retrieve aeronautical data based on optional filters that may include feature type, feature name and spatial, temporal and logical operators.

Airspace users are not mandated by CP1 in AF5 but are recommended to implement an interface that consumes the information provided by the service and to use the information in daily operations.

System Requirements

This service supports consumption of published AIP and AIP SUP data.
The aeronautical information feature exchange shall be implemented by:
• AISPs that are the primary provider of the service
• Airports when aerodrome information is provided by an Airport
• ANSPs that are the primary consumers of the service and the information it provides

The provider of the aeronautical information feature service ensures systems implementing the service:
• Shall allow the retrieval of aeronautical information features.
• Shall enable filtering by feature type and name.
• Shall allow advanced filtering based on spatial, temporal and logical operators.
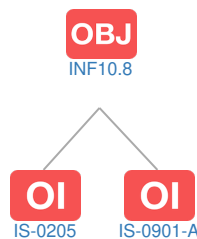• Shall provide the output expressed in the applicable version of AIXM.

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
Type	CP1
Scope	ECAC+
Status	Active

Context

Related Elements

OBJ INF10.8

OI IS-0205   OI IS-0901-A

Source: European ATM Portal - **Report produced:** 04-05-2024 - **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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Applicability Area(s) and Timescales

Applicability Area 1:	All EU SES States *(All EU SES States)*
Applicability Area 2:	Georgia, Israel, Morocco, 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

Links to ATM Master Plan Level 2

OI Operational Improvment Steps

Code	Title	IOC	FOC	Related Elements
IS-0205	Digital Integrated Briefing for pre-flight phase	31-12-2023	31-12-2030	SOL OI EN OBJ DS ICAO
IS-0901-A	SWIM for sharing G/G data, traffic flow management information and aeronautical information	31-12-2023	31-12-2029	SOL OI EN OBJ DS PCP 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 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 5.3.1 - Aeronautical Information Exchange
Operating Environments
-

Source: European ATM Portal - **Report produced:** 04-05-2024 - **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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Expected Performance Benefits

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

Stakeholder Lines of Action

Code	Title	From	By	Related Enablers
ASP01	Consume Aeronautical Information Feature service	01-01-2021	31-12-2025	
ASP02	Operational use	01-01-2021	31-12-2025	
AIS01	Provide aeronautical information features 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	AIS01, ASP01, ASP02

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	-

Source: European ATM Portal - **Report produced:** 04-05-2024 - **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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