



# INF10.6 — Aeronautical Information Exchange – Digital NOTAM service

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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 Digital NOTAM Service which provides event (Digital NOTAM) information as a data service. The service enables dynamic data sharing of aeronautical information updates and propose them for Digital NOTAM processing. Digital NOTAM service output is a small data set that contains digitally coded data about changes related to aeronautical information, which are temporary nature or provided on short notice. Digital NOTAM data can be formatted into textual or graphical formats for presentation to end-user. The event information can be shared in a short loop when Digital NOTAM is not necessary but deemed relevant for users accessing SWIM.

## System requirements

The Digital NOTAM information exchange shall be implemented by:

- AISPs that are the intended provider of the service
- Airports that are the originator of the event data
- ANSPs (pre-flight bulletin) that are the intended consumers of the service and the information it provides

The provider of the Digital NOTAM Service ensures systems implementing the service:

- Shall enable the sharing of various event information
- Shall conform to EUROCONTROL Digital NOTAM specification
- Shall output event information encoded in the applicable version of AIXM.

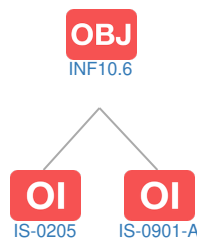
*NOTE: For a full description of the services as well as of the associated system requirements, see the Family 5, in the SESAR Deployment Programme edition 2022, Approved by the European Commission.*

*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.*

|                     |                                 |
|---------------------|---------------------------------|
| <b>Edition</b>      | 2022                            |
| <b>Stakeholders</b> | Air Navigation Service Provider |
| <b>Type</b>         | CP1                             |
| <b>Scope</b>        | ECAC+                           |
| <b>Status</b>       | Active                          |

## Context

### Related Elements
















## Applicability Area(s) and Timescales

|                              |   |
|------------------------------|---|
| <b>Applicability Area 1:</b> | All EU SES States<br>(All EU SES States)                              |
| <b>Applicability Area 2:</b> | Georgia, Israel, Moldova, Montenegro, Serbia, Türkiye, 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

### Operational Improvement Steps

| Code      | Title   | IOC        | FOC        | Related Elements   |
|-----------|---|------------|------------|--|
| IS-0205   | Digital Integrated Briefing for pre-flight phase  | 31-12-2023 | 31-12-2030 |    <br>    |
| IS-0901-A | SWIM for sharing G/G data, traffic flow management information and aeronautical information | 31-12-2023 | 31-12-2029 |    <br>   |

### Links to SESAR Solutions

| Code            | Title | Program | Related Elements |
|-----------------|-------|---------|------------------|
| No record found |       |         |                  |

### 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

-

## Expected Performance Benefits

|                               |   |
|-------------------------------|---|
| <b>Safety</b>                 | - |
| <b>Capacity</b>               | - |
| <b>Operational efficiency</b> | - |
| <b>Cost efficiency</b>        | - |
| <b>Environment</b>            | - |
| <b>Security</b>               | - |

## Stakeholder Lines of Action

| <b>Code</b> | <b>Title</b>                  | <b>From</b> | <b>By</b>  | <b>Related Enablers</b> |
|-------------|-------------------------------|-------------|------------|-------------------------|
| ASP01       | Consume Digital NOTAM Service | 01-01-2021  | 31-12-2025 |                         |
| ASP02       | Operational use               | 01-01-2021  | 31-12-2025 |                         |
| AIS01       | Provide Digital NOTAM Service | 01-01-2021  | 31-12-2025 |                         |

## Supporting Material

| <b>Title</b>   | <b>Related SLoAs</b> |
|--|----------------------|
| SDM - Standardisation and Regulation support to CP1 deployment 2021, Deliverable D1.1.1 07/2021<br><a href="https://www.sesardeploymentmanager.eu/publications/deployment-programme">https://www.sesardeploymentmanager.eu/publications/deployment-programme</a> | AIS01, ASP01, ASP02  |

## Consultation & Approval

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