

|          |     |  |     |     |     |     |    |     |     |     |
|----------|-----|--|-----|-----|-----|-----|----|-----|-----|-----|
| CP1      |     | Active   |     |     |     |     |    |     | EU  |     |
| INF10.22 |     | Flight Information Exchange (Yellow Profile) - Trial 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. 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 organizational provisions by concerned stakeholders is a prerequisite for actual deployment and use of FF-ICE/R1 services over SWIM.

Trial service allows FF-ICE-enabled AUs (eAUs) to request to the Network Manager feedback on a trial in a "what-if" operational evaluation context. The service enables eAUs to explore the impacts of any intended change to a filed eFPL and determine the feasibility/validity of a flight plan before committing to it.

Airspace users are not mandated but recommended to upgrade Airspace Users system to be able to use the NM FF-ICE/R1 Trial Service.

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)

|   |              |                   |                       |  |
|---|--------------|-------------------|-----------------------|--|
| <b>Applicability Area 1</b>               |              | All EU SES States |                       |  |
| <b>Timescales:</b>                        | <b>From:</b> | <b>By:</b>        | <b>Applicable to:</b> |  |
| 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

|            |  |         |  |  |  |  |  |  |  |
|------------|--|---------|--|--|--|--|--|--|--|
| Ol step -  | <a href="#">[AUO-0219]-Use of Enriched DCB Information and Enhanced What-Ifs to Improve AU Flight Planning</a> |         |  |  |  |  |  |  |  |
| Enablers - | AOC-ATM-24   | HUM-019 |  |  |  |  |  |  |  |

|         |          |                                      |                 |   |          |  |
|---------|----------|--------------------------------------|-----------------|---|----------|--|
| Legend: | WXYZ-001 | Covered by SLoA(s) in this objective | WXYZ-002<br>zzz | Covered by SLoA(s) in another objective<br>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

|           |               |
|-----------|---------------|
| FICE-B2/3 | Trial Service |
|-----------|---------------|

|                 |   |
|-----------------|---|
| <b>INF10.22</b> | <b>Flight Information Exchange (Yellow Profile) - Trial Service</b> |
|-----------------|---|

### Deployment Programme

|       |                             |
|-------|-----------------------------|
| 5.6.1 | Flight Information Exchange |
|-------|-----------------------------|

### European Plan for Aviation Safety

|          |  |
|----------|--|
| - none - |  |
|----------|--|

### Operating Environments

|                   |  |
|-------------------|--|
| Airport           |  |
| En-Route          |  |
| Network           |  |
| Terminal Airspace |  |

## Stakeholder Lines of Action (SLoAs)

| SLoA ref.            | Title                               | From       | By         |
|----------------------|-------------------------------------|------------|------------|
| <b>INF10.22-NM01</b> | Develop FF-ICE/R1 Trial Service     | 01/01/2021 | 31/12/2025 |
| <b>INF10.22-NM02</b> | Provide the FF-ICE/R1 Trial 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](https://www.eatmportal.eu/working/depl/essip_objectives)

## Expected Performance Benefits

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

## Detailed SLoA Descriptions

|                                   |  |            |            |
|-----------------------------------|--|------------|------------|
| <b>INF10.22-NM01</b>              | <b>Develop FF-ICE/R1 Trial Service</b>   | From:      | By:        |
|                                   |  | 01/01/2021 | 31/12/2025 |
| <b>Action by:</b>                 | <b>NM</b>  |            |            |
| <b>Description &amp; purpose:</b> | The NM system is upgraded to support the FF-ICE/R1 Trial Service this service is part of the NM B2B Services.  |            |            |
| <b>Supporting material(s):</b>    | SDM - Standardisation and Regulation support to CP1 deployment 2021, Deliverable D1.1.1 07/2021<br>Url : <a href="https://www.sesardeploymentmanager.eu/publications/deployment-programme">https://www.sesardeploymentmanager.eu/publications/deployment-programme</a> |            |            |
| <b>Finalisation criteria:</b>     | 1 - The FF-ICE/R1 Trial Service is technically available.  |            |            |
| <b>INF10.22-NM02</b>              | <b>Provide the FF-ICE/R1 Trial Service</b>   | From:      | By:        |
|                                   |  | 01/01/2021 | 31/12/2025 |
| <b>Action by:</b>                 | <b>NM</b>  |            |            |
| <b>Description &amp; purpose:</b> | <ul style="list-style-type: none"> <li>• Validations and live trials</li> <li>• SWIM compliance activities</li> <li>• Deployment in operations</li> </ul> This SLoA supports the Family 4.3.1 NM-DM4 - Upgrade the NM systems related to FF-ICE Release 1              |            |            |
| <b>Supporting material(s):</b>    | SDM - Standardisation and Regulation support to CP1 deployment 2021, Deliverable D1.1.1 07/2021<br>Url : <a href="https://www.sesardeploymentmanager.eu/publications/deployment-programme">https://www.sesardeploymentmanager.eu/publications/deployment-programme</a> |            |            |
| <b>Finalisation criteria:</b>     | 1 - The FF-ICE/R1 Trial Service is SWIM compliant and available in the SWIM Registry as an operational SWIM compliant service.   |            |            |

