



INF10.10 — Meteorological Information Exchange - Aerodrome Meteorological information Service

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The ability to establish a collaborative environment within ATM and to move to Trajectory Based Operations depends on the sharing, between all operational stakeholders, of a similar picture of an environment in which flights operate. It requires a wide range of meteorological information to be shared and made available simultaneously to all ATM actors with minimum delay.

This implementation objective is addressing the Aerodrome Meteorological information Service. The certified MET service provider for the aerodrome will be those which are selected by the relevant competent authority. There may be more than one selected MET service provider for an aerodrome. As a minimum, the aerodrome MET service provider will execute the tasks related to the aerodrome meteorological office, as defined in chapter 2 of Annex 5 to (EU) 2017/373).

The aerodrome MET service provider(s) will liaise closely with the operational stakeholders at the aerodrome to determine and help define the local needs and requirements for MET information support, specific to that aerodrome. This may (for example) focus on unique weather constraints such as fog, snow, convection etc, or on particular operational constraints such as aerodrome capacity, winter procedures, noise abatement procedures, etc., and their dependency on weather. Services could include only MET information e.g. to be used as input into another system or decision process, or visualisation of information critical to aerodrome operations. Ideally, services will integrate MET information with other types of aerodrome information, as driven by local requirements.

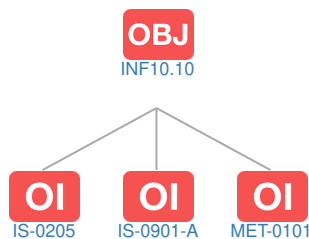
NOTE: For a full description of the services as well as of the associated system requirements, see the Family 5, in the SESAR Deployment Programme edition 2022, Approved by the European Commission.

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 / Airport Operator / Network Manager
Type	CP1
Scope	EU
Status	Active

Context

Related Elements



Applicability Area(s) and Timescales

Applicability Area 1:	All EU SES States (All EU SES States)
Applicability Area 2:	Azerbaijan, Georgia, Israel, 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 Improvement 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
MET-0101	Enhanced MET observations, nowcasts and forecasts provided by ATM-MET systems for planning and near term services	31-12-2022	31-12-2026	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 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 5.4.1 - Meteorological Information Exchange

Operating Environments

-

Expected Performance Benefits

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

Stakeholder Lines of Action

Code	Title	From	By	Related Enablers
ASP01	Determine and help define requirements for new aerodrome MET information services	01-01-2021	31-12-2025	
ASP02	Consume aerodrome MET information services	01-01-2021	31-12-2025	
ASP03	Operational use	01-01-2021	31-12-2025	
APO01	Determine and help define requirements for new aerodrome MET information services	01-01-2021	31-12-2025	
APO02	Consume aerodrome MET information services	01-01-2021	31-12-2025	
APO03	Operational use	01-01-2021	31-12-2025	
NM01	Consume aerodrome MET information services	01-01-2021	31-12-2025	
NM02	Operational use	01-01-2021	31-12-2025	
MET01	Determine and help define requirements for new aerodrome MET information services	01-01-2021	31-12-2025	
MET02	Provide aerodrome MET information services	01-01-2021	31-12-2025	
MET03	Provide enhanced Aerodrome MET information services	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>

APO01, APO02, APO03, ASP01, ASP02, ASP03, MET01, MET02, MET03, NM01, NM02

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	-