



METEO-06c — Generate and provide Meteorological information relevant at short notice ('time to decision' between 3 minutes and 7days)

ATM-MET system acquiring, generating, assembling and providing Meteorological (MET) information to the SWIM network and in a SWIM compliant manner to support all actors in Network management related operations and consistent with information relevant for other operational user environments such as Airport and final approach and TMA and En-route.

Dedicated ATM-MET System capabilities will introduce new or improved meteorological nowcast and forecast capabilities to support enhanced decision making. The MET information will be made available through a system that provides the capability to consolidate and make the MET information consistent and coherent with other operational user environments and easily accessible for SWIM actors.

This includes the ability to acquire, assemble and provide the relevant, ground, aircraft and space-based MET observation information, supported by enabler METEO-3, CTE-S7b and A/C-47.

The MET system capability for Trajectory based operations focuses on acquiring, generating, assembling and providing meteorological information supporting (automated) ground and aircraft based decision making process or aids involving the relevant MET information, translation processes to derive constraints for weather and converting of this information in an ATM impact. The system capability mainly targets a 'time to decision' horizon between 3 minutes and 7 days.

The ATM-MET system outputs, amongst others, are:

- a) MET information for the tactical avoidance of hazardous meteorological conditions
- b) MET information to support ATM situational awareness tools including display of MET information
- c) MET warnings that give concise information of meteorological conditions that could adversely affect Network related operations.

Category SYSTEM

Stakeholder Air Navigation Service Provider

Civil

Civil MET Service Provider

Military

Military MET Service Provider

V3 End 31-12-2019

V4 Start 31-12-2021

V4 End 31-12-2023

V5 Start 31-12-2023

V5 End 31-12-2026

Air Navigation Service Provider: 31-12-2026

Civil

Civil MET Service Provider: 31-12-2026

Military

Military MET Service Provider: 31-12-2026

IOC 31-12-2026

FOC 31-12-2030

Context

Related Elements





Operational Improvement Steps

Code	Benefits start date (IOC) - Full benefit date (FOC)																										
	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	
METEO-06c					▲		V4	V5	IOC - FOC																		
🔒 AUO-0213																											
🔒 AUO-0220																											
🔒 AUO-0221																											
🔒 CM-0302																											
🔒 DCB-0210																											
🔒 IS-0206																											
🔒 IS-0207																											
🔒 MET-0201																											
🔒 POI-0009-MET																											
➔ AOM-0505																											
➔ DCB-0211																											
➔ DCB-0212																											
➔ IS-0205																											

Dependent Enablers

Relationship	Code	Title	Related Elements
Has successor	METEO-06b	Generate and provide MET information relevant for Network related operations (PCP)	STK OI EN DS PCP

PCP PCP Elements: No associated data

Stakeholders

Code	Title	Related Elements
ANSP	Air Navigation Service Provider	EN
ANSP-CIV-MET	Civil MET Service Provider	EN
ANSP-MIL-MET	Military MET Service Provider	EN

Standards: No associated data

OBJ Implementation Objectives: No associated data



Stakeholder Lines of Action (SLoAs):No associated data



SESAR Workpackages: No associated data