



# METEO-05c — Generate and provide MET information relevant for TMA and En-route related operations at short notice ('time to decision' between 3 minutes and 7days), including for low-level IFR operations.

The ATM-MET system is acquiring, generating, assembling and providing Meteorological (MET) information to the SWIM network in a SWIM compliant manner to support all actors in TMA and En-route related operations, including (rotorcraft, RPAS, etc.) low-level IFR operations. The provided information for these types of operations is made consistent with information relevant for other operational user environments such as Airport and approach and Network operations. 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 TMA and En-route related operations.

**Category** SYSTEM

**Stakeholder** Air Navigation Service Provider

*Civil*

- Civil ATS Approach Service Provider
- Civil ATS En-Route Service Provider
- Civil MET Service Provider

*Military*

- Military ATS Approach Service Provider
- Military ATS En-Route Service Provider
- Military MET Service Provider

**Airspace User**

*Civil*

- Civil Scheduled Aviation
- Civil Business Aviation-Fixed Wing
- Civil General Aviation
- Civil Flight Operations Centre

*Military*

- Military Transport
- Military Wing Operations Centre

**V3 End** 31-12-2019

**V4 Start** 31-12-2021

**V5 Start** 31-12-2025

**V4 End** 31-12-2025

**V5 End** 31-12-2026

**Air Navigation Service Provider: 31-12-2026**

*Civil*

Civil ATS Approach Service Provider: 31-12-2026

Civil ATS En-Route Service Provider: 31-12-2026

Civil MET Service Provider: 31-12-2026

*Military*

Military ATS Approach Service Provider: 31-12-2026

Military ATS En-Route Service Provider: 31-12-2026

Military MET Service Provider: 31-12-2026

**Airspace User: 31-12-2026**

*Civil*

Civil Scheduled Aviation: 31-12-2026

Civil Business Aviation-Fixed Wing: 31-12-2026

Civil General Aviation: 31-12-2026

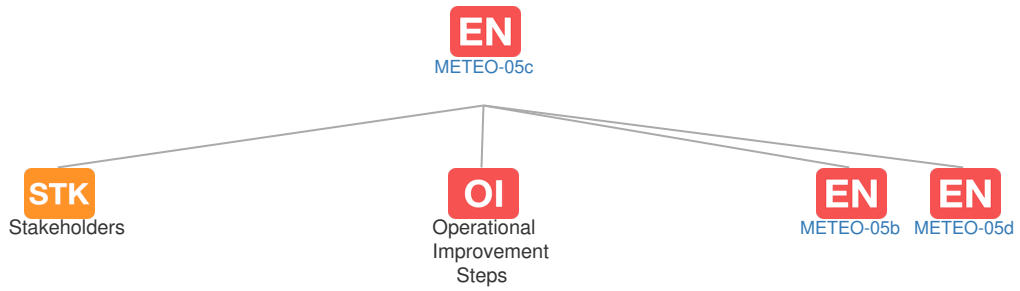
Civil Flight Operations Centre: 31-12-2026

IOC 31-12-2026

FOC 31-12-2032

## Context

### Related Elements



## OI 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-05c					▲			V4	V5																		
🔒 AOM-0702-B																											
🔒 AOM-0705-B																											
🔒 AOM-0806																											
🔒 AOM-0807																											
🔒 AOM-0809-B																											
🔒 AUO-0213																											
🔒 AUO-0309																											
🔒 IS-0206																											
🔒 IS-0207																											
🔒 MET-0201																											
🔒 POI-0009-MET																											
➔ AO-0308																											
➔ AO-0316																											
➔ AO-0319																											
➔ AO-0320																											
➔ AO-0321																											
➔ AO-0322																											
➔ AO-0331																											
➔ AOM-0805																											
➔ CM-0102-B																											
➔ IS-0205																											
➔ TS-0302																											
➔ TS-0305-B																											
➔ TS-0307																											

## EN Dependent Enablers

Relationship	Code	Title	Related Elements
Has predecessor	METEO-05b	Generate and provide MET information relevant for TMA and En-route related operations (PCP)	STK OI EN DS PCP
Has successor	METEO-05d	Generate and provide MET information relevant for TMA and En-route related operations at shortest notice (less than 3 minutes 'time to decision')	STK OI EN

PCP PCP Elements: No associated data

## STK Stakeholders

Code	Title	Related Elements
ANSP	Air Navigation Service Provider	EN
ANSP-CIV-APP	Civil ATS Approach Service Provider	EN  
ANSP-CIV-ER	Civil ATS En-Route Service Provider	EN  
ANSP-CIV-MET	Civil MET Service Provider	EN  
ANSP-MIL-APP	Military ATS Approach Service Provider	EN
ANSP-MIL-ER	Military ATS En-Route Service Provider	EN  
ANSP-MIL-MET	Military MET Service Provider	EN  
AU	Airspace User	EN
AU-CIV-BA-F	Civil Business Aviation-Fixed Wing	EN
AU-CIV-FOC	Civil Flight Operations Centre	EN
AU-CIV-GA	Civil General Aviation	EN
AU-CIV-SA	Civil Scheduled Aviation	EN  
AU-MIL-T	Military Transport	EN  
AU-MIL-W	Military Wing Operations Centre	EN  

 Standards: No associated data

 Implementation Objectives: No associated data

Stakeholder Lines of Action (SLoAs): No associated data

 SESAR Workpackages: No associated data