



METEO-03 — Provision and monitoring of real-time airport weather information (PCP)

ATM-MET ground based sub-system dedicated to acquire, collect, combine, provide and monitor Meteorological (MET) information from real time sensors (in situ and remote sensing) relevant for the Airport/TMA operational environment including wake turbulence applications and other operations that are more sensitive for wind such as time-based separation and curved approaches. This ATM-MET ground based sub-system enables ATM-MET systems or ATM systems directly by providing real time MET sensor information in a SWIM compliant manner or via direct provision of the legacy / native sensor data feed(s).

Category SYSTEM

Stakeholder Air Navigation Service Provider

Civil

Civil MET Service Provider

Military

Military MET Service Provider

Airport Operator

Civil

Civil APT operator

Military

Military APT operator

Airspace User

Civil

Civil Scheduled Aviation

V3 End 31-12-2016

V4 Start 31-12-2016

V5 Start 31-12-2018

V4 End 31-12-2018

V5 End 31-12-2020

Air Navigation Service Provider: 31-12-2020

Civil

Civil MET Service Provider: 31-12-2020

Military

Military MET Service Provider: 31-12-2020

Airport Operator: 31-12-2020

Civil

Civil APT operator: 31-12-2020

Military

Military APT operator: 31-12-2020

Airspace User: 31-12-2020

Civil

Civil Scheduled Aviation: 31-12-2020

IOC 01-07-2022

FOC 01-07-2026

Context

Related Elements




Enhanced
MET
Sensors


Standard
MET
Sensors


STK
AP-OPR-
CIV


STK
AP-OPR-
MIL


STK
AU-CIV-SA

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-03																											
🔒 AO-0304																											
🔒 AO-0309																											
🔒 AO-0310																											
🔒 AO-0328																											
🔒 AO-0329																											
🔒 AO-0803																											
🔒 MET-0101																											
➔ AO-0801-A																											
➔ TS-0302																											

Dependent Enablers

Relationship	Code	Title	Related Elements
Enabling	APP ATC 99	ATC System to use Real-Time Meteo Information Received From Met Systems	STK OI EN DS
Enabled by	METEO-08b	All-weather remote sensing of high resolution 3D aerodrome wind field	STK OI EN DS PCP ⚙️

PCP Elements

Code	Title	Related Elements
S-AF5.4	Meteorological information exchange	SOL OI EN OBJ ICAO

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 👤 ⚙️
AO	Airport Operator	EN
AP-OPR-CIV	Civil APT operator	EN 👤 ⚙️
AP-OPR-MIL	Military APT operator	EN 👤 ⚙️
AU	Airspace User	EN
AU-CIV-SA	Civil Scheduled Aviation	EN 👤 ⚙️



Standards: No associated data



Implementation Objectives: No associated data



Stakeholder Lines of Action (SLoAs): No associated data



SESAR Workpackages: No associated data