



METEO-03c — Provision and monitoring of real-time airport weather information for time-based separation and curved approaches

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 advanced wake turbulence applications, low visibility operations and advanced 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

V3 End 31-12-2019

V4 Start 31-12-2021

V5 Start 31-12-2023

V4 End 31-12-2023

V5 End 31-12-2026

Air Navigation Service Provider: 31-12-2026

Civil

Civil MET Service Provider: 31-12-2026

Military

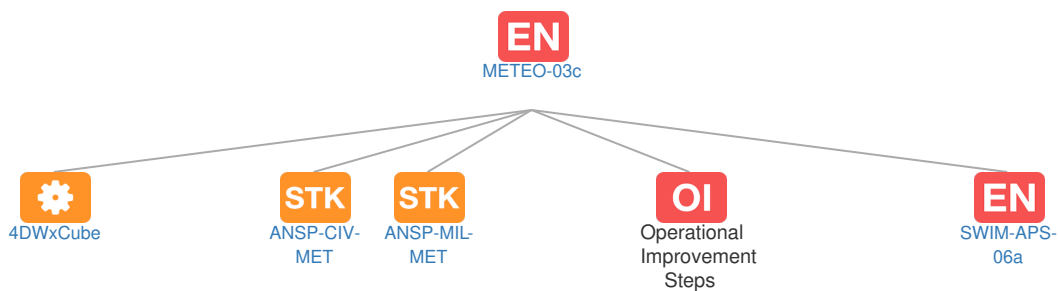
Military MET Service Provider: 31-12-2026

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-03c | | | | | | | | | | | | | | | | | | | | | | | | | | | |
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| 🔒 AO-0107 | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 🔒 AO-0311 | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 🔒 AO-0505-B | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 🔒 AO-0825 | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 🔒 AO-0826 | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 🔒 AOM-0702-B | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 🔒 AOM-0705-B | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 🔒 AOM-0806 | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 🔒 AOM-0807 | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 🔒 AUO-0309 | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 🔒 AUO-0404 | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 🔒 MET-0201 | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 🔒 POI-0008-MET | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 🔒 SDM-0206 | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 🔒 SDM-0211 | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 🔒 SDM-0212 | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| ➔ AO-0316 | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| ➔ AO-0322 | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| ➔ AUO-0405 | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| ➔ AUO-0406 | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| ➔ AUO-0407 | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| ➔ AUO-0603-B | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| ➔ TS-0301 | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| ➔ TS-0302 | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| ➔ TS-0307 | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| ➔ TS-0313 | | | | | | | | | | | | | | | | | | | | | | | | | | | |

EN Dependent Enablers

| Relationship | Code | Title | Related Elements |
|---------------|--------------|--|---|
| Deployed with | SWIM-APS-06a | Provision of Airport Ground Sensor Meteorological Information Services | <div style="display: flex; gap: 5px;"> STK OI EN DS </div> <div style="display: flex; gap: 5px; margin-top: 5px;"> PCP S </div> |

PCP PCP Elements: No associated data

STK 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

PJ SESAR Workpackages: No associated data