



METEO-08b — All-weather remote sensing of high resolution 3D aerodrome wind field

Combined, dual polarization X-Band radar and long range Doppler lidar Systems for high resolution aerodrome wind fields with high update rate. All-weather detectability of hazardous wind situations on the glide-slope is provided as well as boundary layer wind profile.

Category SYSTEM

Stakeholder Air Navigation Service Provider
Civil
Civil MET Service Provider

V3 End 01-04-2016

V4 Start -

V5 Start -

V4 End -

V5 End 01-04-2022

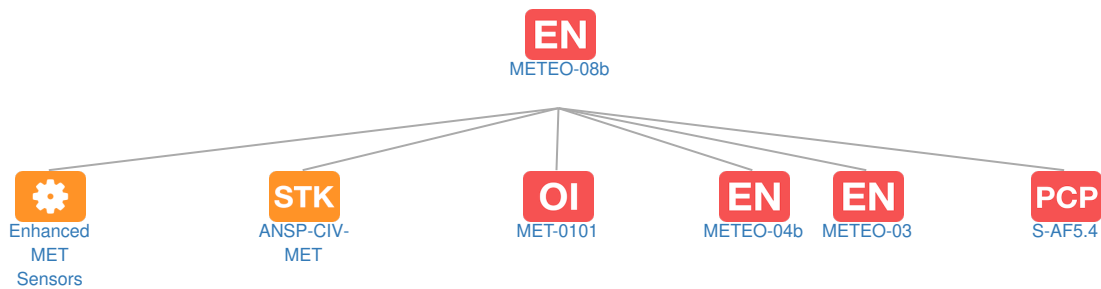
Air Navigation Service Provider: -
Civil
Civil MET Service Provider: -

IOC 31-12-2022

FOC 31-12-2026

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-08b | | | ▲ | | | | | | ▲ | IOC - FOC | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| MET-0101 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

EN Dependent Enablers

| Relationship | Code | Title | Related Elements |
|----------------------|-----------|--|------------------|
| Is synchronised with | METEO-04b | Generate and provide MET information services relevant for Airport and final approach related operations (PCP) | |
| Enabling | METEO-03 | Provision and monitoring of real-time airport weather information (PCP) | |

PCP PCP Elements

| Code | Title | Related Elements |
|---------|-------------------------------------|------------------|
| S-AF5.4 | Meteorological information exchange | |

STK Stakeholders

| Code | Title | Related Elements |
|--------------|---------------------------------|------------------|
| ANSP | Air Navigation Service Provider | |
| ANSP-CIV-MET | Civil MET Service Provider | |

Standards: No associated data

Implementation Objectives: No associated data

Stakeholder Lines of Action (SLoAs): No associated data

SESAR Workpackages: No associated data