METEO-10a — VIS Camera for visibility measurement and cloud monitoring

VIS camera imagery supports MET observer especially in observation of cloud cover (in daylight), prevailing visibility and significant phenomena at the airport and enhances automatic means of observation for these MET parameters. Assessment of cloud coverage using single whole-sky-image in VIS spectrum decreases subjectivity of the observation. While current automatic observation of visibility is based on extrapolation of point measurement (optical characteristics of limited air volume), using VIS camera imagery for prevailing visibility enables automatic observation in all direction with possible identification of minimal visibility in specific directions. Video sequences from camera supports MET observer in identification of significant phenomena (e.g. type of precipitation) at the airport. VIS Camera can be used advantageously by MET Observer at the airport, but optionally also by remotely located MET observer.

Category SYSTEM

Stakeholder **Air Navigation Service Provider**
Civil
Civil MET Service Provider

V3 End 31-10-2022

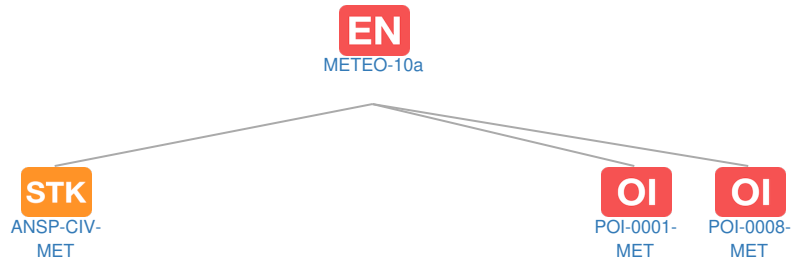
V4 Start 31-10-2024 **V4 End** 31-10-2027

V5 Start 31-10-2027 **V5 End** 31-10-2029
Air Navigation Service Provider: 31-10-2029
Civil
Civil MET Service Provider: 31-10-2029

IOC 31-10-2029 **FOC** 31-10-2033

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-10a	V4 V5 IOC - FOC
POI-0001-MET	
POI-0008-MET	

EN Dependent Enablers: No associated data

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

Standards: No associated data

OBJ Implementation Objectives: No associated data

Stakeholder Lines of Action (SLoAs): No associated data

PJ SESAR Workpackages: No associated data