



METEO-10b — IR Camera for cloud monitoring

IR camera imagery supports MET observer especially in observation of cloud cover during night and cloud base height at the airport and enhances automatic means of observation for these MET parameters. These parameter are difficult to observe nowadays and using of IR camera imagery can significantly improve and ease the MET Observer job. Single whole-sky-image in IR spectrum provides information about cloud coverage even during night, when visual observation of clouds is almost impossible. Brightness temperature based on IR imagery helps to estimate cloud base height during both daytime and night, which provides objective criterion for cloud base assessment missing in current operating methods. IR 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

V5 Start 31-10-2027

V4 End 31-10-2027

V5 End 31-10-2029

Air Navigation Service Provider: 31-10-2029

Civil

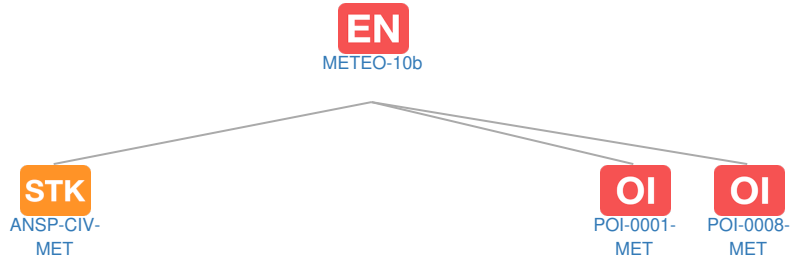
Civil MET Service Provider: 31-10-2029

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-10b									▲		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