



MET-0101 — Enhanced MET observations, nowcasts and forecasts provided by ATM-MET systems for planning and near term services

Enhanced MET information (observations, nowcasts and forecasts) provided by ATM-MET systems. These ATM MET systems will provide enhanced MET information (planning and near term services) enabling ATM systems for Airport-, TMA-, En-route- and Network-operations, to deliver their operational improvement.

Rationale In general, MET information and the systems to derive and exchange MET information are enablers for other processes and systems to provide an operational improvement (OI) to the ATM system. Therefore no OI needs to be described with respect to the provision, exchange and use of MET information except from a system engineering perspective where identified (non-MET) enablers contribute to improved MET provision/exchange and as such a MET OI related to an improved ATM-MET system was justified. No separate validation exercises are identified; enhanced MET information (observations, nowcasts and forecasts) provided by ATM-MET systems are an enabler for other systems and as such will contribute to identified Step 1 validation exercises.

Forecast V3 end date -

Benefits start date (IOC) 31-12-2022

Full benefits date (FOC) 31-12-2026

Current Maturity Level V3

Solution Data Quality Index -

Current Maturity Phase R&D

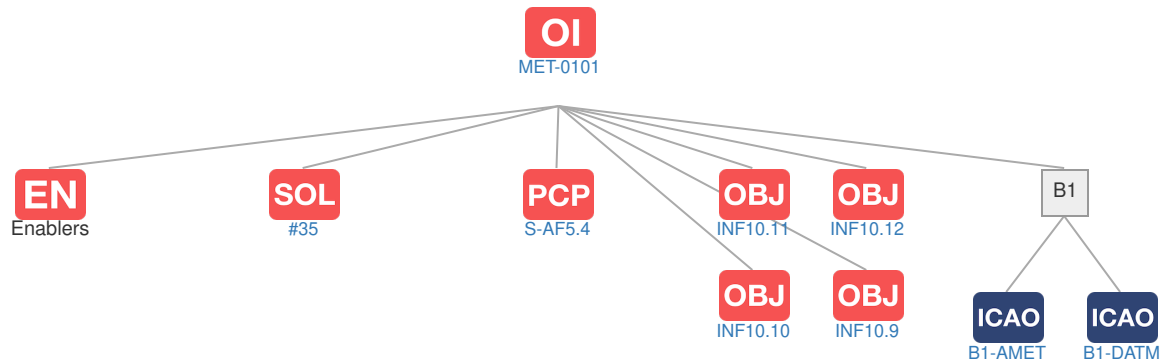
Scope -

Release R5

PCP Status PCP

Context

Related Elements



EN Enablers

Code	Dates																																						
	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													
MET-0101																																							
METEO-03				V4	V5																																		
METEO-04b				V4	V5																																		
METEO-05b					V4	V5																																	
METEO-06b						V4	V5																																
METEO-08b																																							
AERODROME-ATC-57																																							

OI Dependent OI Steps

Relationship Code	Title	Related Elements
Has successor	AO-0801- Collaborative Airport Planning Interface A	SOL OI EN OBJ DS PCP ICAO
Has successor	MET-0201 Enhanced MET observations, nowcasts and forecasts provided by ATM-MET systems for Step 2	OI EN

SOL SESAR Solutions

Code	Title	Program	Related Elements
#35	MET Information Exchange	SESAR1	SOL OI OBJ DS EOC PCP ICAO

PCP PCP Elements

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

OBJ Implementation Objectives

Code	Title	Related Elements
INF10.11	Meteorological Information Exchange - En-Route and Approach Meteorological information service	
INF10.12	Meteorological Information Exchange - Network Meteorological Information	
INF10.10	Meteorological Information Exchange - Aerodrome Meteorological information Service	
INF10.9	Meteorological Information Exchange - Volcanic Ash Mass Concentration information service	



ICAO Block Modules

Designator	Title	Related Elements
B1		
B1-AMET	Enhanced Operational Decisions through Integrated Meteorological Information (Planning and Near-term Service)	SOL OI PCP
B1-DATM	Service Improvement through Integration of all Digital ATM Information	SOL OI OBJ PCP