



AOM-0208-B — Dynamic Mobile Areas (DMA) of types 1 and 2

Dynamic mobile area (DMA) is an integral part of the MT described by a 4D data set. DMA constitutes a defined volume of airspace that satisfies specific operational requirements from different Airspace Users (AU).

There are two types of DMA that have been identified as geographical centric:

DMA Type 1 is a volume of airspace of defined dimensions described as an integral part of a MT at flexible geographical locations agreed upon in a CDM process satisfying Airspace Users requirements in terms of a time and/or distance constraint parameters from a reference point as specified by AU (e.g. Aerodrome of Departure).

DMA Type2 is a volume of airspace of defined dimensions described as an integral part of a MT and agreed upon in a CDM process satisfying the Airspace Users requirements. This volume of airspace can be planned and used at any geographical location along the trajectory.

The MT profile description will allow extraction of DMA 4D dataset to be used as an input into NM system for DCB and DAC processes. It will facilitate NM to optimise ATM Network configuration while minimising the impact of DMA on the expected traffic

Rationale The intent is to limit the impact of airspace exclusion to the minimum. This OI will also allow to progress towards the implementation of DMAs of type 3 in step 3.

Forecast V3 end date 31-12-2022

Benefits start date (IOC) 31-12-2027

Full benefits date (FOC) 31-12-2033

Current Maturity Level V2

Solution Data Quality Index -

Current Maturity Phase R&D

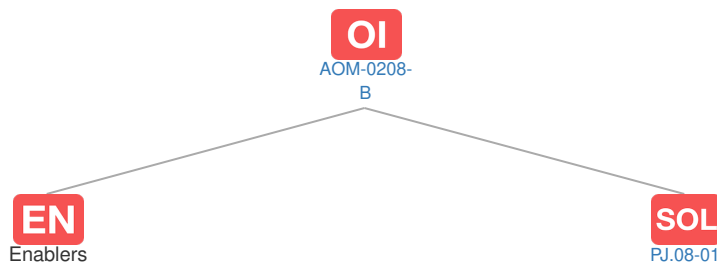
Scope -

Release -

PCP Status -

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	
AOM-0208-B																											
🔒 AAMS-16a			V4	V5																							
🔒 AIMS-15																											
🔒 ER APP ATC 80																											
➔ NIMS-14b																											
➔ NIMS-14c																											
➔ NIMS-19																											
➔ PRO-146																											

OI Dependent OI Steps

Relationship	Code	Title	Related Elements
Has predecessor	AOM-0206-B	Sharing real time airspace information with the aircraft	OI EN
Has successor	AOM-0208-C	Dynamic Mobile Areas (DMA) of type 3	SOL OI EN DS

SOL SESAR Solutions

Code	Title	Program	Related Elements
PJ.08-01	Management of Dynamic Airspace configurations	SESAR 2020 Wave 1	SOL PJ OI DS EOC

PCP PCP Elements: No associated data

OBJ Implementation Objectives: No associated data

ICAO ICAO Block Modules: No associated data