



CM-0102-B — Dynamic Airspace Management based on complexity

Following CM-0102-A supporting Dynamic Sectorisation for the purpose of workload and complexity optimisation at local level, this improvement relates to the Dynamic of Airspace Configuration in a more global approach through wider areas based on better information sharing. The objective is to manage the airspace as a continuum to meet the users' expectations. It encompasses Airspace organisations based on combinations of airspace volumes , interfaces between En Route and TMA, Free route airspace structures, management of Variable Profile Areas, DMAs and Cross Border Areas in order to enable the User Preferred Routing concept and resolution of complexity and DCB issues. Dynamic configurations shall accommodate En- Route and TMA ATC environments at all complexity levels and support new operating methods.

Where automated system provides support for the assessment and comparison of different configurations, for the decision making process, taking into account different kind of parameters, and for the monitoring of the implemented solutions, in order to make best use of the available airspace and human resources at any given time.

Rationale Integrating Complexity Assessment and Resolution to the DCB process, automated support optimises airspace configuration based on workload and complexity, avoiding inconsistencies and side effects in the activation of airspace structures.

Forecast V3 end date 31-12-2022

Benefits start date (IOC) 31-12-2023

Full benefits date (FOC) 31-12-2031

Current Maturity Level V2

Solution Data Quality Index -

Current Maturity Phase R&D

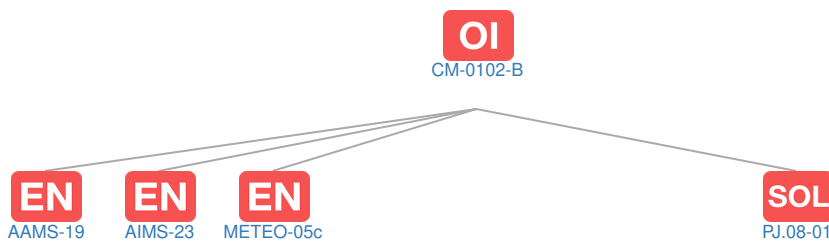
Scope -

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	
CM-0102-B																											
🔒 AAMS-19																											
🔒 AIMS-23																											
➔ METEO-05c																											

OI Dependent OI Steps

Relationship	Code	Title	Related Elements
Has predecessor	CM-0102-A	Dynamic Sectorisation based on complexity	<div style="display: flex; gap: 5px;"> SOL OI EN DS </div> <div style="display: flex; gap: 5px; margin-top: 5px;"> PCP ICAO A </div>

SOL SESAR Solutions

Code	Title	Program	Related Elements
PJ.08-01	Management of Dynamic Airspace configurations	SESAR 2020 Wave 1	<div style="display: flex; gap: 5px;"> SOL PJ OI DS </div> <div style="display: flex; gap: 5px; margin-top: 5px;"> EOC </div>

PCP PCP Elements: No associated data

OBJ Implementation Objectives: No associated data

ICAO ICAO Block Modules: No associated data