



CM-0200-C — Flight-centric ATC in Non-Geographically-Constrained High and very High Complexity environment

In High and very High complexity environments, depending on local organization and working methods, a flight-centric method of ATC could be applied. In performance-driven ATM operations, different service providers will decide of application of this method in different environments, according to their operational needs and business model.

In Step 3, full application of Free Routing, Dynamic Airspace Management and high level of sophistication and integration of the ground support tools are required. Under these conditions, distribution of workload among the ATCOs in a designated airspace (e.g. Sector Family as defined in 4.2 S2 DOD), and even at the Network level, becomes less dependent on geographical and structured airspace kind of constraints. On the other hand, performance-oriented ATM implies the need for optimum use of the ATCO workforce at any time. This could be achieved via application of this method and distribution of trajectories/ flights to individual controllers with permanent system effort to maintain their workload at optimum level, in high as well as in very high complexity environments.

Rationale This method provides for performance-based ATM operations enabling optimal deployment of the airspace and human resources at the level of Sector Families .

Forecast V3 end date -

Benefits start date (IOC) -

Full benefits date (FOC) -

Current Maturity Level V1

Solution Data Quality Index -

Current Maturity Phase R&D

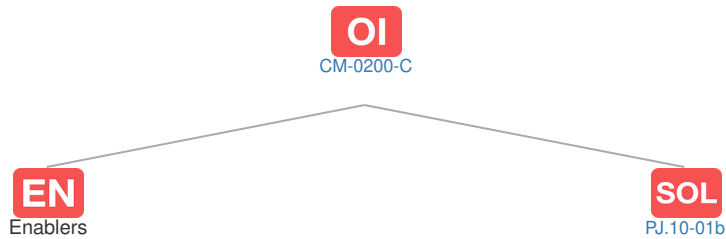
Scope -

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-0200-C																																								
ER APP ATC 174																																								
HUM-017			▲																																					
➔ A/C-31a																																								
➔ A/C-37a																																								
➔ AAMS-19																																								
➔ CTE-C01b																																								
➔ NIMS-36																																								

OI Dependent OI Steps

Relationship	Code	Title	Related Elements
Has predecessor	CM-0200-B	Flight-centric ATC in Non-Geographically-Constrained, Low and Medium complexity environments	SOL OI EN DS

SOL SESAR Solutions

Code	Title	Program	Related Elements
PJ.10-01b	Flight-Centric ATC	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