



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



