



DCB-0208 — DCB in a trajectory management context

Demand Capacity Balancing (DCB) activity occurs within the medium to short term planning phases, and describes the totality of actions required when managing periods of forecast excessive workload and constraints at arrival. Taking account of occupancy/complexity being the primary measure of workload, DCB has a more accurate understanding of the demand capacity imbalance and can offer solutions directly at the point of overload including the dissemination of target times to airspace users and air traffic service providers in order to increase their awareness.

Rationale The objective of balancing forecast demand and capacity within the planning phases is to try and resolve some of the likely excess demand issues or in some way reduce the magnitude of an issue leaving the remainder for the execution phase. The driver firstly is to increase operational safety by contributing to the reduction of over deliveries, and secondly to better enable the planned optimisation of available resources. The increased TT adherence by either increased adherence to CTOT or modification of in-flight speed is out of the scope of solution #18 and therefore of this OI step.

Forecast V3 end date 23-12-2016

Benefits start date (IOC) 31-12-2026

Full benefits date (FOC) 31-12-2032

Current Maturity Level V3 finalised

Solution Data Quality Index -

Current Maturity Phase R&D

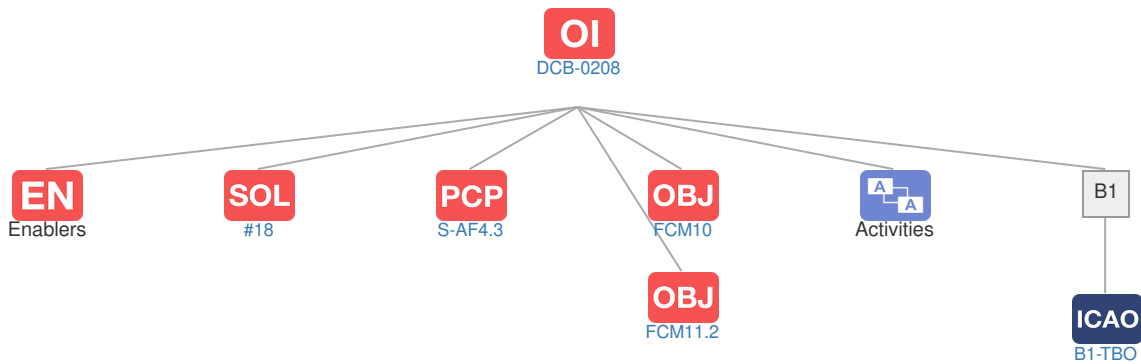
Scope -

Release R5

PCP Status PCP

Context

Related Elements



OBJ Implementation Objectives

Code	Title	Related Elements
FCM10	Interactive Rolling NOP	
FCM11.2	AOP/NOP integration	

ICAO ICAO Block Modules

Designator	Title	Related Elements
B1		
B1-TBO	Improved Traffic Synchronisation and Initial Trajectory-Based Operation.	SOL OI PCP