



AOM-0505 — Free Routing for Flights both in cruise and vertically evolving within high and very high complexity environments in Upper En Route airspace

Free routing operations allow the airspace user to plan and re-plan a route according to the user-defined segments within significant blocks of Free Route Airspace (i.e. multiple FIR AOIs (areas of interest) or FABs) within high and very high traffic complexity environments where airspace reservations are managed in accordance with AFUA principles.

Rationale Free Routing provides airspace users with significant opportunities to optimize their associated flights in line with individual operator business needs and military requirements. This OI step builds on AOM-0501 and allows airspace users to plan flight trajectories without reference to a fixed ATS route network or published direct segment within high and very high complexity environments in Upper En Route airspace . In addition to the enablers stemming from AOM-0501, for full performance achievement high and very high complexity environments require further support for conflict detection and resolution by ATC. Demand and Capacity Balancing, including INAP function, would also bring additional performance benefits.

Forecast V3 end date -

Benefits start date (IOC) 31-12-2026

Full benefits date (FOC) 31-12-2030

Current Maturity Level V3

Solution Data Quality Index -

Current Maturity Phase R&D

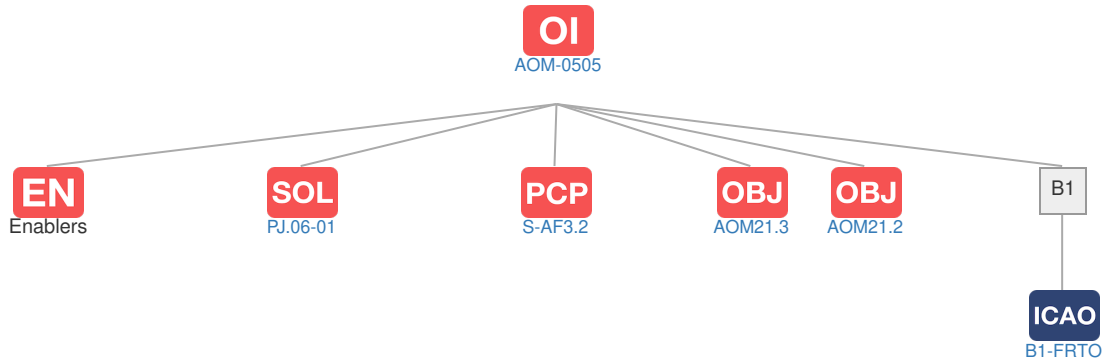
Scope -

Release -









PCP Status PCP

Context






Related Elements









SESAR Solutions

Code	Title	Program	Related Elements
PJ.06-01	Optimized traffic management to enable Free Routing in SESAR 2020 Wave 1 high and very high complexity environments.		       

PCP Elements

Code	Title	Related Elements
S-AF3.2	Free Route	    

Implementation Objectives

Code	Title	Related Elements
AOM21.3	Enhanced Free Route Airspace Operations	
AOM21.2	Initial Free Route Airspace	     

ICAO Block Modules

Designator	Title	Related Elements
B1		
B1-FRTO	Improved Operations through Optimized ATS Routing	