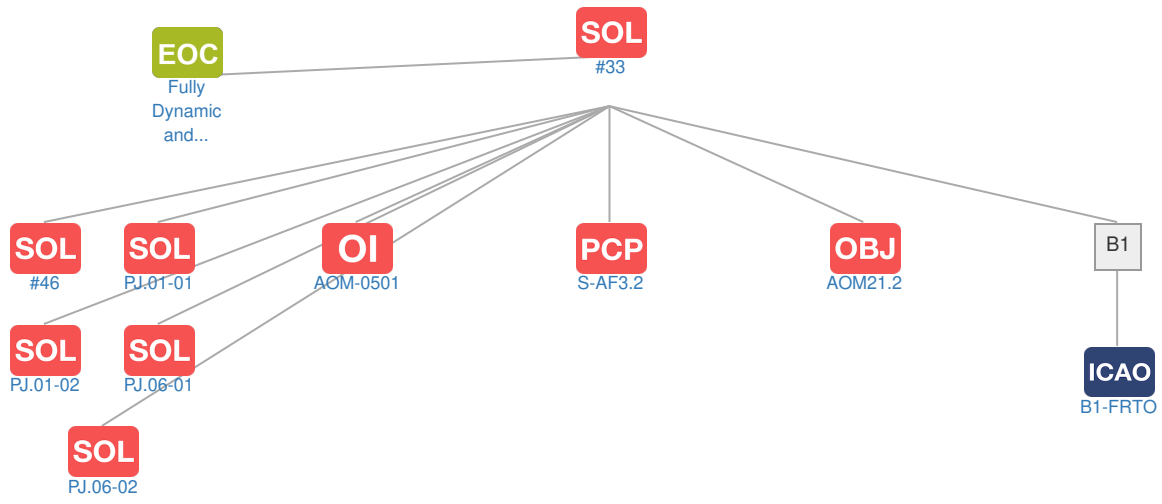
Solution #33 — Free Route through Free Routing for Flights both in cruise and vertically evolving above a specified Flight Level

Free routing is the ability of an airspace user to plan or re-plan a route according to user-defined segments. A User Defined Segment is a segment of great circle connecting any combination of two user defined or published waypoints.
Free Routing Airspace is an airspace defined laterally and vertically, allowing Free route with a set of entry/exit features. Within this airspace, flights remain subject to air traffic control.
Elements to determine the lower limit of FRA will be provided by the SESAR validations.

Program	SESAR1
Need for coordination	Network
Related to	Solution #46, Solution PJ.01-01, Solution PJ.01-02, Solution PJ.06-01, Solution PJ.06-02
Date V1 Gate	-
Date V2 Gate	-
Date V3 Gate	-
Deployment Start Date	31-12-2009
Benefits Start Date (IOC)	31-12-2020
Full Benefit Date (FOC)	01-10-2025

Context

Related Elements

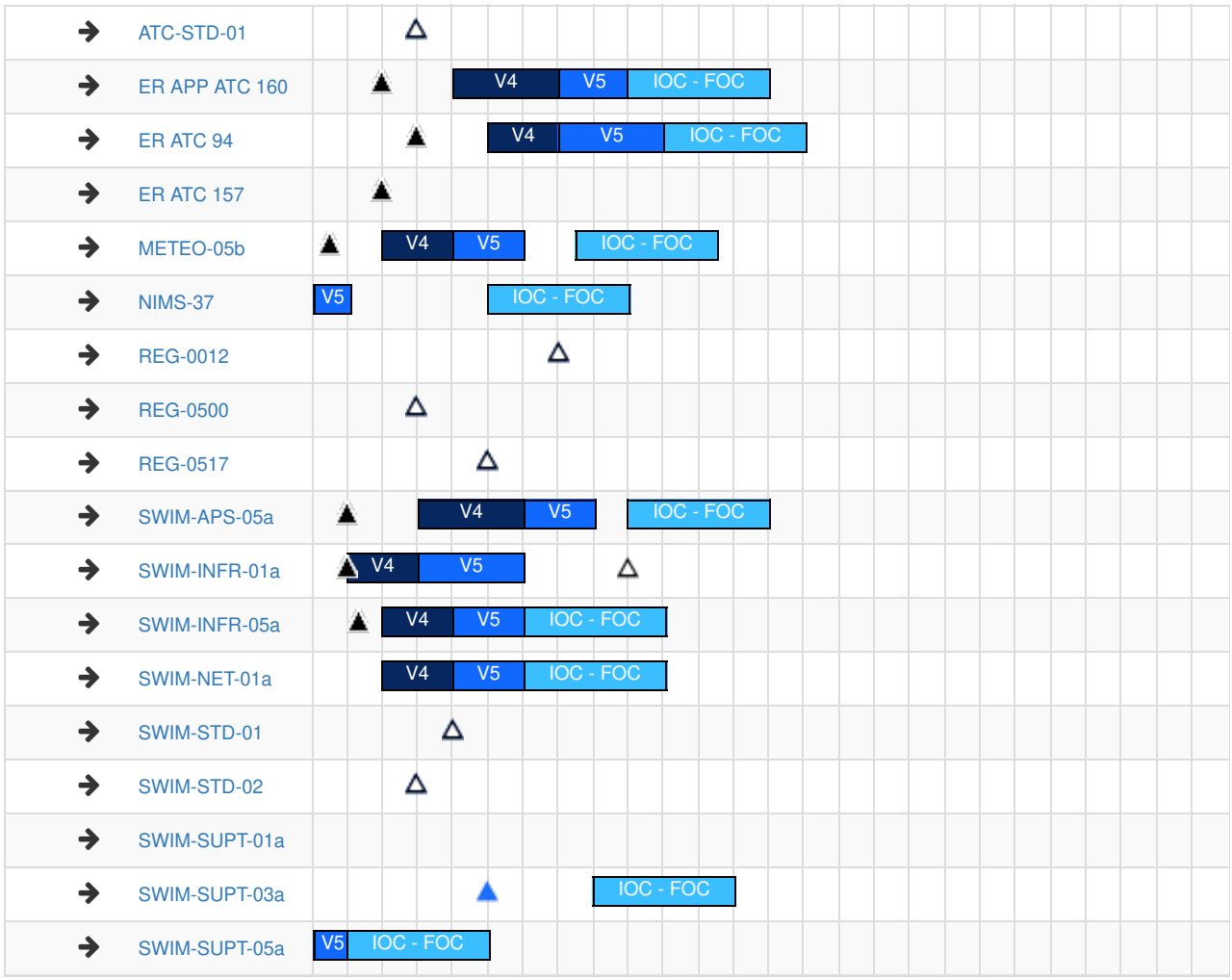


Operating Environments: No associated data

Phases: No associated data

PJ SESAR Projects: No associated data

OI Operational Improvement Steps / Enablers



PCP Elements

Code	Title	Related Elements
S-AF3.2	Free Route	SOL OI EN OBJ ICAO

Implementation Objectives

Code	Title	Related Elements
AOM21.2	Initial Free Route Airspace	STK SOL OI PCP ICAO

ICAO Block Modules

Designator	Title	Related Elements
B1		
B1-FRTO	Improved Operations through Optimized ATS Routing	SOL OI OBJ PCP