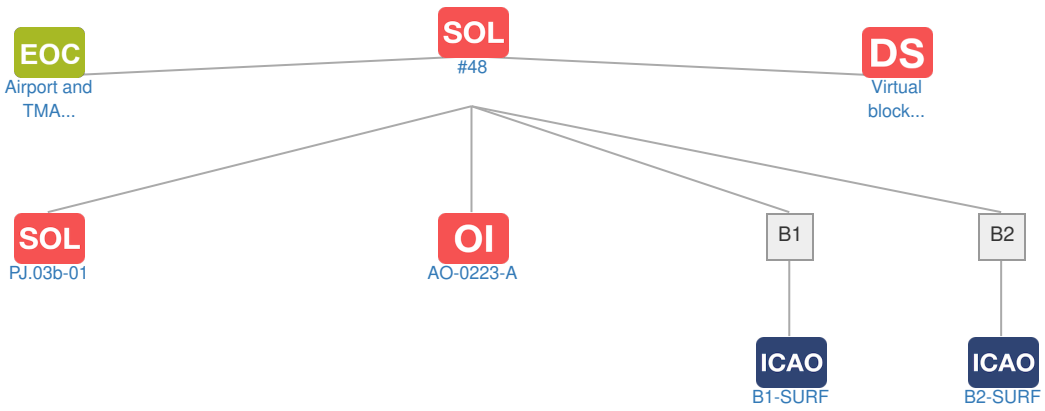
Solution #48 — Virtual Block Control in LVPs

In low visibility conditions, the tower controller working positions are provided with Virtual Stop Bars (VSB) to improve low visibility operations and enhance controllers' situational awareness. Virtual Stop Bars can be used by the controller to reduce block-sizes once procedural control applies. Additional controller safety nets will be available to indicate violations of Stop Bars (including Virtual Stop Bars) and to monitor aircraft for any kind of unauthorized movement (Watch Dog).

Program	SESAR1
Need for coordination	Local
Related to	Solution PJ.03b-01
Date V1 Gate	-
Date V2 Gate	-
Date V3 Gate	-
Deployment Start Date	31-12-2017
Benefits Start Date (IOC)	27-02-2021
Full Benefit Date (FOC)	27-02-2025

Context

Related Elements

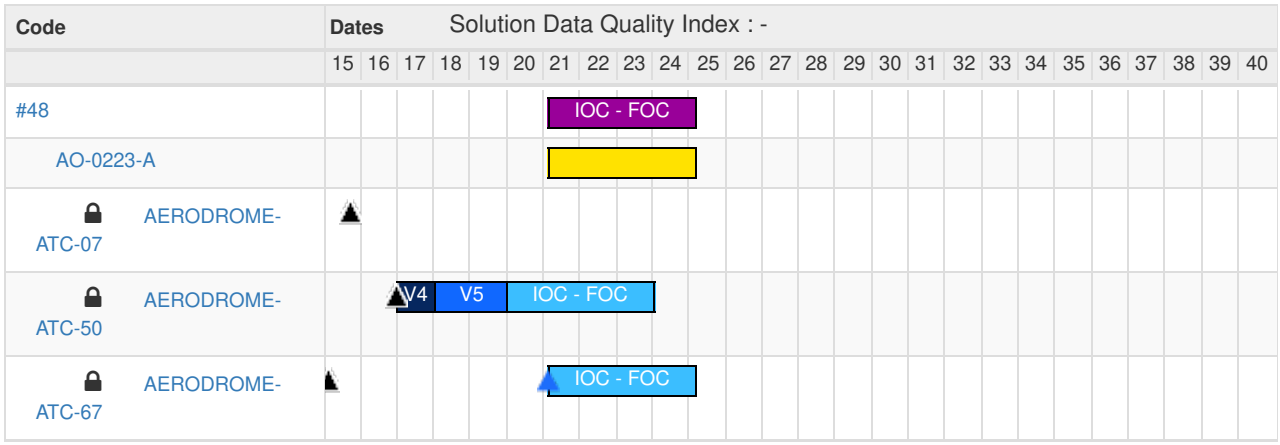


Operating Environments: No associated data

Phases: No associated data

PJ SESAR Projects: No associated data

OI Operational Improvement Steps / Enablers



PCP PCP Elements: No associated data

OBJ Implementation Objectives: No associated data

ICAO ICAO Block Modules

Designator	Title	Related Elements
B1		
B1-SURF	Enhanced Safety and Efficiency of Surface Operations - SURF, SURF-IA and Enhanced Vision Systems (EVS)	SOL OI PCP
B2		
B2-SURF	Optimized Surface Routing and Safety Benefits (A-SMGCS Level 3-4 and SVS)	SOL OI OBJ PCP