



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 -

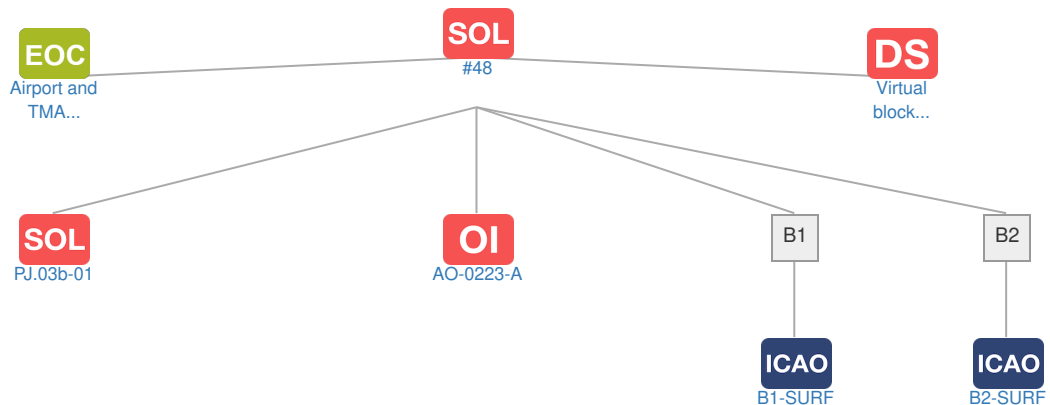
Deployment Start Date 31-12-2017


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

 SESAR Projects: No associated data




Operational Improvement Steps / Enablers

Code	Dates	Solution Data Quality Index : -																										
		15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	
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AO-0223-A																												
 AERODROME- ATC-07																												
 AERODROME- ATC-50																												
 AERODROME- ATC-67																												

 PCP Elements: No associated data

 Implementation Objectives: No associated data

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)	  
B2		
B2-SURF	Optimized Surface Routing and Safety Benefits (A-SMGCS Level 3-4 and SVS)	