



Solution #47 — Guidance Assistance through Airfield Ground Lighting

Enhanced Guidance Assistance to mobiles based on the automated switching of Taxiway lights and Stop bars according to the Airfield Ground Lighting (AGL) operational service.

Provision of flight crew and vehicle drivers with supplementary means of guidance based on coupling the taxi route management with the airfield ground lighting. Taxiway centreline lights are automatically and progressively switched on in segments as the mobile progresses along its assigned route. Stop bars are automatically activated to mark clearance limit. The ATCO can issue simpler and shorter taxi clearances through a 'FOLLOW THE GREENS'-type instruction

Program SESAR1

Need for coordination Local

Related to -

Date V1 Gate -

Date V2 Gate -

Date V3 Gate -

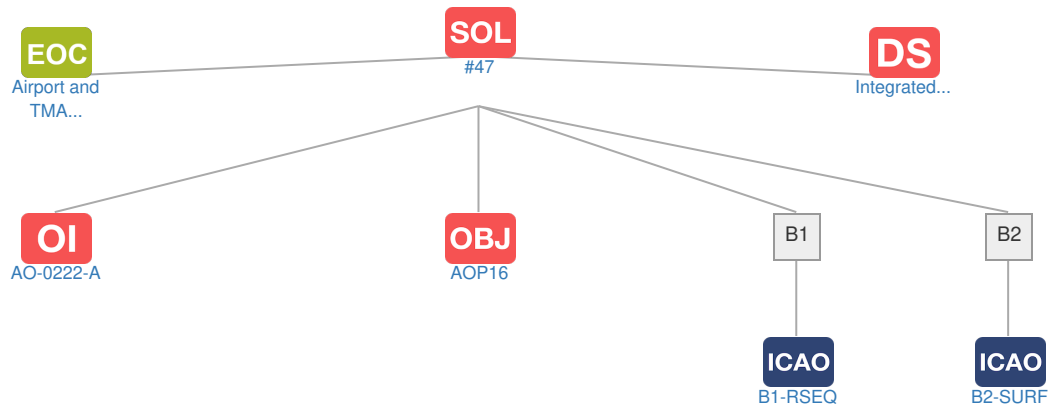
Deployment Start Date 31-12-2017


Benefits Start Date (IOC) 31-03-2022

Full Benefit Date (FOC) 31-12-2027

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	
#47																												
AO-0222-A																												
 AERODROME-ATC-50																												
 AERODROME-ATC-61																												
 REG-0201																												
 REG-0200																												

 PCP Elements: No associated data

Implementation Objectives

Code	Title	Related Elements
AOP16	Guidance assistance through airfield ground lighting	   

ICAO Block Modules

Designator	Title	Related Elements
B1		
B1-RSEQ	Improved Airport operations through Departure, Surface and Arrival Management	   
B2		
B2-SURF	Optimized Surface Routing and Safety Benefits (A-SMGCS Level 3-4 and SVS)	