



# POI-0021-AUO — Improved navigation using Dual-Frequency Multi-Constellation (DFMC GNSS)

*Use of Dual-Frequency/Multi-Constellation (DF/MC) GNSS technology to provide airspace users with better availability, improved robustness and higher integrity satellite navigation. Operational benefits for Airspace users, in accordance with ICAO DF/MC CONOPS objectives are in the following areas: Improved business results, Innovation, Improved 3D Approaches, Airborne Equipment rationalization.*

**Rationale** The DF/MC represents the key technology for improving those areas and for positively influence a higher integrity navigation.

**Forecast V3 end date** 31-12-2025

**Benefits start date (IOC)** 19-10-2028

**Full benefits date (FOC)** 31-12-2032

**Current Maturity Level** V2

**Solution Data Quality Index** -

**Current Maturity Phase** R&D

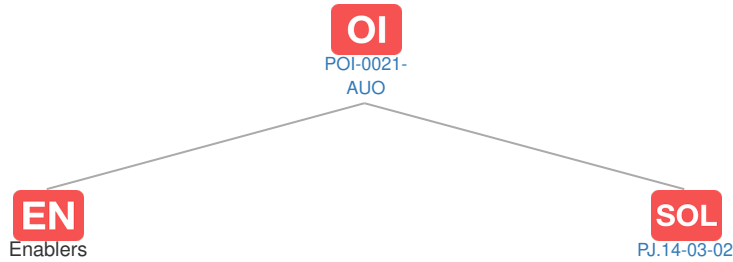
**Scope** -

**Release** -

**PCP Status** -

## Context

### Related Elements



## EN Enablers

Code	Dates																										
	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	
POI-0021-AUO																											
🔒 A/C-02b								▲			V4																
🔒 CTE-N01			▲			V5																					
🔒 CTE-N02		▲				▲																					
🔒 CTE-N05			▲			V4	V5																				
🔒 CTE-N06b							▲																				
➔ CTE-N07c								▲																			

**OI** Dependent OI Steps: No associated data

## SOL SESAR Solutions

Code	Title	Program	Related Elements
PJ.14-03-02	Multi Constellation / Multi Frequency (MC/MF) GNSS	SESAR 2020 Wave 1	<span>SOL</span> <span>PJ</span> <span>OI</span> <span>DS</span> <span>EOC</span>

**PCP** PCP Elements: No associated data

**OBJ** Implementation Objectives: No associated data

**ICAO** ICAO Block Modules: No associated data