CM-0607 — Separation Management in En-Route using RBTs with 2D RNP Specifications

The Reference Business Trajectory (RBT) is a 'precision trajectory' in that it may include required navigational performances associated to the Pre-defined or User-preferred routes of RBT e.g. 2D RNP specifications. The RBT may be revised using additional or amended lateral routes/waypoints and/or level to ensure separation in execution phase; ATC clearances are included as part of the RBT Revision process. User-preferred Trajectories/Revisions may include non-published waypoints that are computed by Ground tools (ideally using information from the airborne system) and defined in lat/long or bearing/range. Vertical constraint and longitudinal separation is provided by ATC to complement the 2D route (using information from the airborne system). This may be achieved through surveillance based separation and/or the dynamic application of constraints. New support tools and procedures and working methods have to be put in place. CONOPS E.2.6.2.3.2

Rationale Cf. SESAR Concept of Operations.

Forecast V3 end date -

Benefits start date (IOC) 31-12-2028

Full benefits date (FOC) 31-12-2032

Current Maturity Level -

Solution Data Quality Index -

Current Maturity Phase R&D

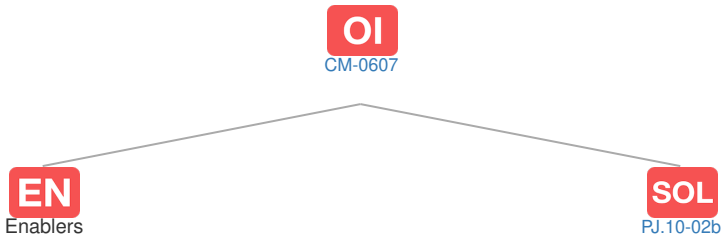
Scope -

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
CM-0607	
A/C-31a	V4 IOC - FOC
A/C-34	IOC - FOC
CTE-C02b	
CTE-C02c	4 V5 IOC - FOC
CTE-C02e	IOC - FOC
CTE-C02f	V4 V5 IOC - FOC
ER APP ATC 103	
ER APP ATC 125	V4 V5 IOC - FOC

OI Dependent OI Steps

Relationship	Code	Title	Related Elements
Has predecessor	CM-0605	Separation Management in En-Route using Pre-defined or User-preferred Routes with 2D RNP Specifications	OI EN

SOL SESAR Solutions

Code	Title	Program	Related Elements
PJ.10-02b	Advanced Separation Management	SESAR 2020 Wave 1	SOL PJ OI DS EOC

PCP PCP Elements: No associated data

OBJ Implementation Objectives: No associated data

ICAO ICAO Block Modules: No associated data