



CM-0608 — Separation Management in the TMA 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 and/or altitude constraints on specified points to ensure the de-confliction of 3D profiles. The RBT may be revised using additional or amended lateral routes/waypoints and/or altitude constraints on specified points to ensure separation in execution phase; ATC clearances are included as part of the RBT Revision process. User-preferred Trajectory 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

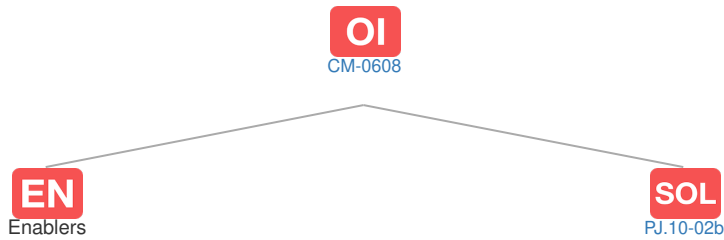
Scope -

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-0608																											
A/C-31a						V4		IOC - FOC																			
A/C-34																											
CTE-C02b																											
CTE-C02c						4		V5																			
CTE-C02e																											
CTE-C02f																											
ER APP ATC 103																											
ER APP ATC 125																											

OI Dependent OI Steps

Relationship	Code	Title	Related Elements
Has predecessor	CM-0606	Separation Management in the TMA using Pre-defined Routes with 2D RNP Specifications	

SOL SESAR Solutions

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

PCP Elements: No associated data

Implementation Objectives: No associated data

ICAO Block Modules: No associated data