



# CM-0605 — Separation Management in En-Route using Pre-defined or User-preferred Routes with 2D RNP Specifications

2D Pre-defined or User-preferred routes, with their associated 2D RNP specifications, are revised to assure separation. Revised Level and longitudinal separation are provided by ATC to complement the 2D route. This may be achieved through surveillance based separation and/or the application of constraints. New support tools (e.g. Conflict Detection and Resolution Tools and automated ground system route allocation tools) and procedures and working methods have to be put in place. User-preferred Trajectory Revisions may include non-published waypoints that are computed by Ground tools (ideally based on information from the airborne system) and defined in lat/long or bearing/range.

**Rationale** The allocation of 2D routes is a de-confliction method with vertical and longitudinal separation (if required) provided by ATC to complement the 2D route. This may be achieved through surveillance based separation and/or the application of constraints (depending on available ATM capabilities).

**Forecast V3 end date** -

**Benefits start date (IOC)** 31-12-2024

**Full benefits date (FOC)** 31-12-2028

**Current Maturity Level** -

**Solution Data Quality Index** -

**Current Maturity Phase** R&D

**Scope** -

**Release** R8

**PCP Status** -

## Context

### Related Elements



