



# TS-0305-A — Arrival Management Extended to En-Route Airspace - single TMA

The system integrates information from arrival management systems operating out to 180-200 nautical miles from the arrival airport to provide an enhanced and more consistent arrival sequence. The system helps to reduce holding by absorbing some of the queuing time further upstream well into En-Route. Includes integration of traffic departing from within the AMAN horizon of the destination airport. Impacted En-Route sectors are expected to contribute to the sequencing towards a single TMA.

**Rationale** The AMAN horizon is extended to the En-Route airspace further from the TMA and may extend across several En-Route sectors, potentially including across borders, requiring an increased degree of cross-border co-operation and support from 'distant' ATM actors to resolve problems for an airport far outside their normal sphere of operations.

**Forecast V3 end date** -

**Benefits start date (IOC)** 31-12-2021

**Full benefits date (FOC)** 31-12-2025

**Current Maturity Level** V3 finalised

**Solution Data Quality Index** -

**Current Maturity Phase** R&D

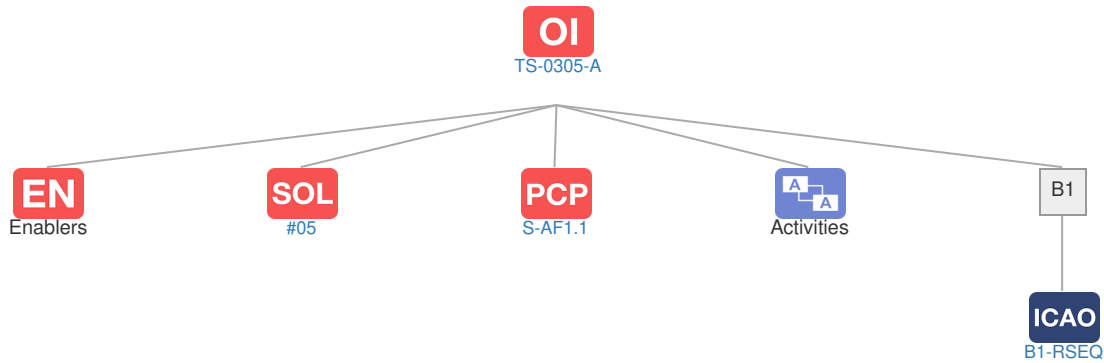
**Scope** -

**Release** R4

**PCP Status** PCP

## 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														
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➔ ER APP ATC 160		▲																																						
➔ SWIM-APS-05a		▲																																						
➔ SWIM-APS-12a		▲																																						
➔ SWIM-INFR-01a		▲																																						
➔ SWIM-NET-01a																																								
➔ SWIM-SUPT-01a																																								
➔ SWIM-SUPT-03a																																								

## OI Dependent OI Steps

Relationship Code	Title	Related Elements
Has predecessor TS-0305	Arrival Management Extended to En-Route Airspace	<b>OI</b> <b>EN</b> <b>ICAO</b>
Has successor SDM-0402	E-AMAN Common Service (Business Improvement)	<b>SOL</b> <b>OI</b> <b>EN</b> <b>DS</b>
Has successor TS-0305-B	Arrival Management Extended to En-Route Airspace - impact of overlapping AMAN operations for En Route ATC	<b>SOL</b> <b>OI</b> <b>EN</b> <b>DS</b>

## SOL SESAR Solutions

Code	Title	Program	Related Elements
#05	Extended Arrival Management (AMAN) horizon	SESAR1	<b>SOL</b> <b>OI</b> <b>EOC</b> <b>PCP</b> <b>ICAO</b>

## PCP PCP Elements

Code	Title	Related Elements
S-AF1.1	AMAN extended to En-Route Airspace	<b>SOL</b> <b>OI</b> <b>EN</b> <b>ICAO</b>

## OBJ Implementation Objectives: No associated data



## ICAO Block Modules

Designator	Title	Related Elements
B1		
B1-RSEQ	Improved Airport operations through Departure, Surface and Arrival Management	<b>SOL</b> <b>OI</b> <b>PCP</b>