



APP ATC 161 — Enhance AMAN to support Flow based Integration of Arrival and Departure Management

In this basic AMAN/DMAN coupling, AMAN is considered as the master and DMAN as the slave. AMAN calculates the arrival sequence with proper Arrival Free Intervals (AFIs) according to the applicable arrival-departure pattern for the runway. DMAN sequences the departures within the AFIs determined by AMAN. Arrival and departure demands for the same runway (or for dependent runways) and the runway(s) capacity are considered to determine fixed arrival-departure pattern for defined periods. The successive patterns may be chosen by the operators or provided by an optimization algorithm. Arrival and departures are displayed in a combined sequence to the relevant controller.

Category SYSTEM

Stakeholder Air Navigation Service Provider
Civil
Civil ATS Approach Service Provider

V3 End 31-03-2015

V4 Start 31-03-2017

V5 Start 31-12-2019

V4 End 31-03-2019

V5 End 31-12-2021

Air Navigation Service Provider: 31-12-2021

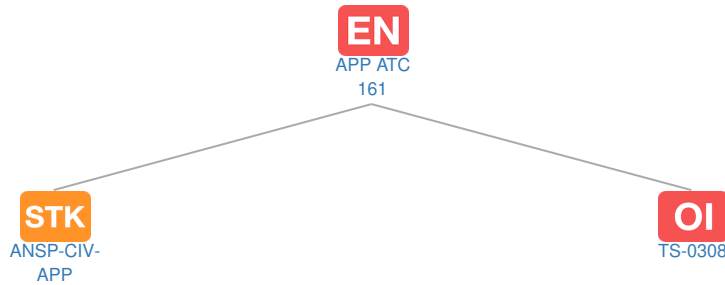
Civil
Civil ATS Approach Service
Provider: 31-12-2021

IOC 31-12-2021

FOC 31-12-2025

Context

Related Elements



OI Operational Improvement Steps

Code	Benefits start date (IOC) - Full benefit date (FOC)																																						
	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													
APP ATC 161				▲		V4		V5		IOC - FOC																													
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EN Dependent Enablers: No associated data

PCP PCP Elements: No associated data

STK Stakeholders

Code	Title	Related Elements
ANSP	Air Navigation Service Provider	EN
ANSP-CIV-APP	Civil ATS Approach Service Provider	EN 

 Standards: No associated data

OBJ Implementation Objectives: No associated data

Stakeholder Lines of Action (SLoAs): No associated data

PJ SESAR Workpackages: No associated data