ER APP ATC 78 — Update FDP to support 4D trajectory direct segments in free routing airspace beyond local AoR

Update related systems (FDPSs) to support 4D trajectory direct segments in free routing airspace and support at ATC level the planning and execution of RBT/MBT across ACC/FIR/FAB and multiple AoRs. The 4D trajectory is the planned trajectory calculated by the ground system.
Updates to the 4D trajectory can be shared between ATC units to support decision making processes and operational procedures.
4D Trajectory data exchange will support coordination and transfer between units and extend beyond local AoR across the AoI.
4D Trajectory data exchange (ground-ground) can be achieved by use of OLDI or IOP.
Request on frequency between sector and request traffic skipping sectors (different time, different FL...) are possible.

Category SYSTEM

Stakeholder **Air Navigation Service Provider**
Civil
Civil ATS Approach Service Provider
Civil ATS En-Route Service Provider

V3 End 31-12-2019

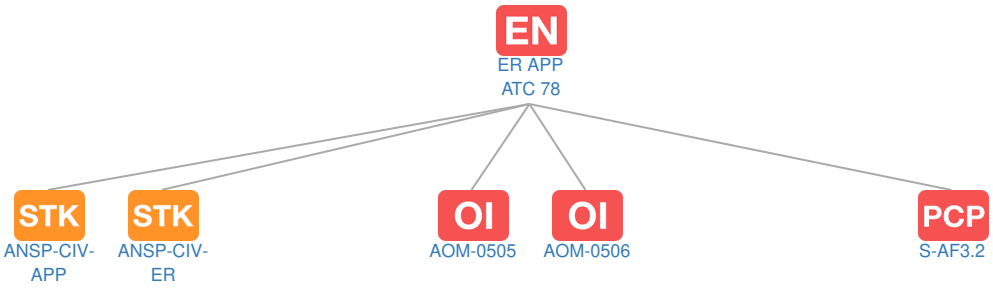
V4 Start 31-12-2021 **V4 End** 31-12-2024

V5 Start 31-12-2024 **V5 End** 31-12-2026
Air Navigation Service Provider: 31-12-2026
Civil
Civil ATS Approach Service Provider: 31-12-2026
Civil ATS En-Route Service Provider: 31-12-2026

IOC 31-12-2026 **FOC** 31-12-2030

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
ER APP ATC 78	V4 V5 IOC - FOC
AOM-0505	
AOM-0506	

EN Dependent Enablers: No associated data

PCP PCP Elements

Code	Title	Related Elements
S-AF3.2	Free Route	SOL OI EN OBJ ICAO

STK Stakeholders

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