



# SWIM-APS-05a — Provision and Consumption of Flight Object Sharing services

*Provision and Consumption of Flight Object Sharing services (In line with AIRM and ISRM) covering:*  
 - Flight Object Creation, Distribution, Cancellation, Update and Reception  
 - Airport DPI contribution to the FO  
 Stakeholders involved in FO Sharing - ANSPs Civil and Military, Network Manager, Airport Operators  
 Civil and Military, Airspace Users (FOC and WOC)

**Category** SYSTEM

**Stakeholder** Air Navigation Service Provider

*Civil*

Civil ATS Aerodrome Service Provider

Civil ATS Approach Service Provider

Civil ATS En-Route Service Provider

*Military*

Military ATS Aerodrome Service Provider

Military ATS Approach Service Provider

Military ATS En-Route Service Provider

**Network Manager**

**V3 End** 31-12-2015

**V4 Start** 31-12-2017

**V5 Start** 31-12-2020

**V4 End** 31-12-2020

**V5 End** 31-12-2022

**Air Navigation Service Provider: 31-12-2022**

*Civil*

Civil ATS Aerodrome Service Provider: 31-12-2022

Civil ATS Approach Service Provider: 31-12-2022

Civil ATS En-Route Service Provider: 31-12-2022

*Military*

Military ATS Aerodrome Service Provider: 31-12-2022

Military ATS Approach Service Provider: 31-12-2022

Military ATS En-Route Service Provider: 31-12-2022

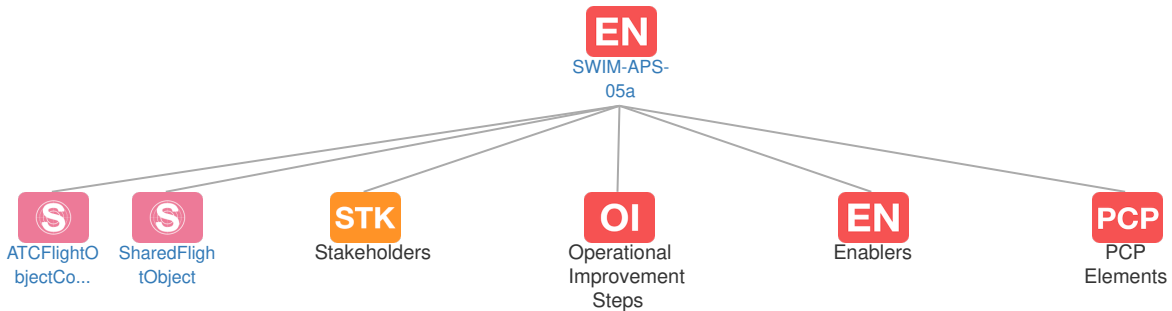
**Network Manager: 31-12-2020**

**IOC** 31-12-2023

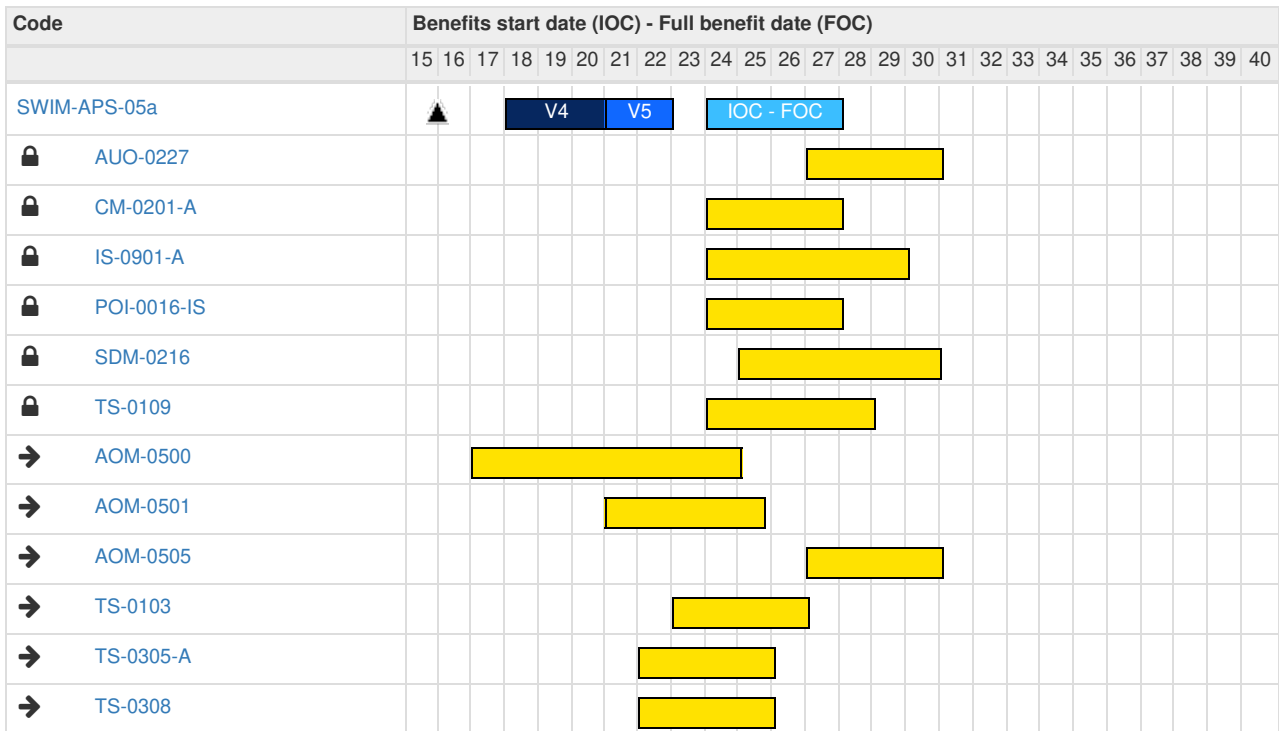
**FOC** 31-12-2027

## Context

### Related Elements



## OI Operational Improvement Steps









## EN Dependent Enablers

Relationship	Code	Title	Related Elements
Is synchronised with	ER APP ATC 160	ATC to ATC Flight Data Exchange Using The Flight Object	STK OI EN DS PCP
Enabled by	STD-033	Flight Information Exchange Model v4 incl. ICAO FPL 2012, Extended Flight Plan and Flight Objects elements, in accordance with SESAR FIXM Strategy.	OI EN DS PCP 📄
Enabled by	SWIM-STD-01	AIRM	OI EN DS
Enabled by	SWIM-STD-02	ISRM Rulebook	OI EN
Enabled by	SWIM-STD-03	Version 2 of EN 16495 Information security for organisations supporting civil aviation operations	EN
Enabled by	SWIM-STD-06	SWIM Compliance Framework	EN
Enabled by	SWIM-STD-07	SWIM Foundation	EN
Enabled by	SWIM-STD-08	AIRM Rulebook	EN
Deployed with	SWIM-INFR-01a	High Criticality SWIM Services infrastructure Support and Connectivity.	STK OI EN DS PCP

## PCP PCP Elements

Code	Title	Related Elements
S-AF5.1	Common infrastructure components	SOL OI EN OBJ ICAO
S-AF5.2	SWIM Technical Infrastructure and Profiles	SOL OI EN OBJ ICAO
S-AF5.3	Aeronautical information exchange	SOL OI EN OBJ ICAO
S-AF5.4	Meteorological information exchange	SOL OI EN OBJ ICAO
S-AF5.5	Cooperative network information exchange	SOL OI EN OBJ ICAO
S-AF5.6	Flight information exchange	SOL OI EN OBJ ICAO

## STK Stakeholders

Code	Title	Related Elements
ANSP	Air Navigation Service Provider	EN
ANSP-CIV-AERO	Civil ATS Aerodrome Service Provider	EN 
ANSP-CIV-APP	Civil ATS Approach Service Provider	EN 
ANSP-CIV-ER	Civil ATS En-Route Service Provider	EN 
ANSP-MIL-AERO	Military ATS Aerodrome Service Provider	EN 
ANSP-MIL-APP	Military ATS Approach Service Provider	EN
ANSP-MIL-ER	Military ATS En-Route Service Provider	EN 
NM	Network Manager	EN
NET-MAN	Network Manager	EN 

 Standards: No associated data

 Implementation Objectives: No associated data

Stakeholder Lines of Action (SLoAs): No associated data

 SESAR Workpackages: No associated data

