

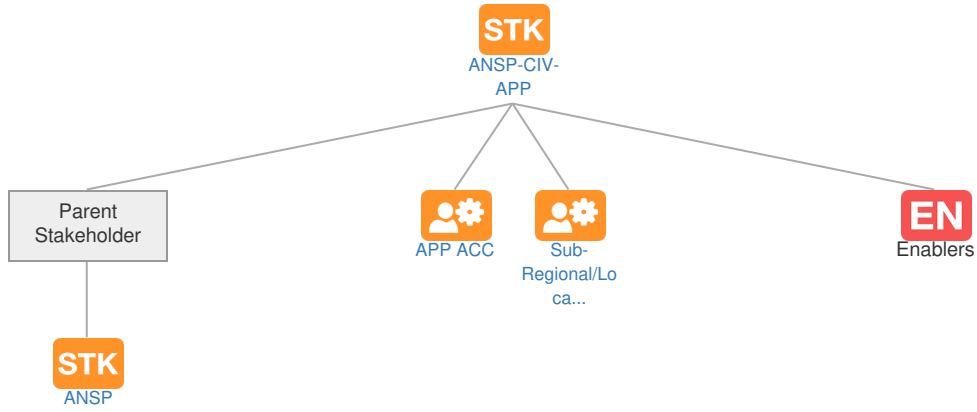


# ANSP-CIV-APP - Civil ATS Approach Service Provider

The provider of air traffic services for the approach phase of a flight from the initial approach fix to the final approach fix or final approach point.

## Context

### Related Elements



## STK Parent Stakeholder

Title	Description	Related Elements
Air Navigation Service Provider	A public or private entity providing air navigation services	EN

## STK Child Stakeholders: No associated data

## EN Enablers

Code	Title	IOC	Related Elements	Analysis
AAMS-06c	Local ASM Tools to be updated to support Transmission of VPA-related data from local ASM tool to the NM	31-12-2016	STK OI EN DS PCP	Analysis
AAMS-11	ASM support systems enhanced to exchange real-time airspace status updates	31-12-2016	STK OI EN OBJ DS PCP	Analysis
AERODROME-ATC-02a	Surface movement management tools updated to provide the D-TAXI information to the pilot	31-12-2022	STK OI EN DS	Analysis
AERODROME-ATC-31	Surface movement control workstation equipped with tools to better prevent runway excursions	31-12-2029	STK OI EN DS	Analysis
STD-090	Update of ICAO standards for Global Reporting Format - of runway surface conditions	-	STK EN	Analysis
AIMS-06	Ground-Ground AIS provision to ASM	31-12-2019	STK OI EN DS PCP	Analysis
AIMS-07a	Generation of Enhanced Pre-flight Briefing based on digital data	31-12-2023	STK OI EN DS	Analysis
AIMS-14	Set up a digital data chain to ensure the Aeronautical Information data provision into on-board avionic systems	31-10-2020	STK OI EN DS	Analysis
AIMS-23	Enhanced digital data chain to ensure Aeronautical Information data provision to meet full 4D trajectory management requirements	31-12-2023	STK OI DS	Analysis
APP ATC 61	Ground functions for Interval Management	31-12-2028	STK OI DS	Analysis
APP ATC 62	Demand and Capacity system enhanced to better handle departure flows out of the TMA	31-12-2028	STK OI DS	Analysis
APP ATC 63	Demand and Capacity system enhanced to better handle approach sectors/flow load in real-time	31-12-2028	STK OI DS	Analysis
APP ATC 74	ATC System Support for Reduced, Weather-Dependent Separation Standards in Final Approach	31-12-2025	STK OI EN DS	Analysis
APP ATC 92	ATC tools to re-organize traffic flows to reduce complexity	31-12-2022	STK EN	Analysis
APP ATC 94	ATC tools in support of RNP (e.g. RNP1, A-RNP, RNP APCH, etc.) for Approach/TMA	31-12-2021	STK OI EN	Analysis
APP ATC 99	ATC System to use Real-Time Meteo Information Received From Met Systems	31-12-2025	STK OI EN DS	Analysis
METEO-04b	Generate and provide MET information services relevant for Airport and final approach related operations (PCP)	01-07-2022	STK OI EN DS PCP	Analysis
APP ATC 110	Enhance Arrival Management to collaborate with non-local Departure Management.	31-12-2028	STK OI DS	Analysis
APP ATC 111	Enhance AMAN to extend arrival management to en-route airspace - single TMA	31-12-2021	STK OI EN DS PCP	Analysis
APP ATC 112	Approach ATC System to support Segmented/Double Slope operations	31-12-2029	STK OI EN	Analysis
APP ATC 113	Approach ATC System to support Adaptive Increased Glide Slope operations	31-08-2026	STK OI EN	Analysis
APP ATC 114	Approach ATC System to support Increased Glide Slope operations	31-08-2026	STK OI EN DS	Analysis

Code	Title	IOC	Related Elements	Analysis
APP ATC 115	Approach ATC System to support Second Runway Aiming Point operations	31-08-2026	STK OI EN DS	Analysis
APP ATC 116	APP ATC System to support Dual Thresholds operations	31-08-2026	STK OI EN DS	Analysis
APP ATC 117	Enable ATC System to Allow Dynamic Resizing of TMA Sectors	31-12-2023	STK OI	Analysis
APP ATC 118	ATC System to support static pair-wise wake separation (S-PWS) on approach	31-12-2025	STK OI EN DS	Analysis
REG-0523	Regulatory provisions for static pair-wise wake separation minima (S-PWS)	-	STK EN	Analysis
APP ATC 119	Approach ATC System Support for Curved Arrival and Departures Operations, including the use of Geometric Altitude	31-12-2030	STK OI DS	Analysis
APP ATC 120	ATC System to support Optimised Runway Delivery on Final Approach	31-12-2025	STK OI DS	Analysis
APP ATC 126	ATC System to Support Pairwise Separation in Specific Conditions based on down-linked parameters	31-12-2029	STK OI EN	Analysis
APP ATC 134	Adapt Safety Nets for Support to RNP in Approach/TMA	31-12-2019	STK OI EN DS PCP	Analysis
APP ATC 136	Adapt STCA for Operation in TMA	31-12-2017	STK OI EN DS	Analysis
APP ATC 144	CPDLC for IM - ATC	-	STK OI EN	Analysis
APP ATC 148	System Support For Controlled Time of Arrival (CTA)	31-12-2022	STK OI DS	Analysis
APP ATC 155	ATC System Support to Medium-Term Conflict Detection and Resolution in the TMA	31-12-2026	STK OI DS	Analysis
APP ATC 156	ATC System to Support Time-Based Separation in Final Approach	31-12-2019	STK OI DS PCP	Analysis
APP ATC 158	Enhanced arrival management to cover ground holding at the departure aerodrome	31-12-2027	STK OI DS	Analysis
APP ATC 159	Approach ATC system updated for Minimum Separation Based on Required Surveillance Performance (separation delivery)	31-12-2025	STK OI EN DS	Analysis
APP ATC 160	ATC System adapted to present RECAT-EU categories on ATCO HMI	01-12-2015	STK OI EN	Analysis
REG-0520	EASA State Letter for RECAT-EU Scheme	10-10-2014	STK OI EN	Analysis
APP ATC 161	Enhance AMAN to support Flow based Integration of Arrival and Departure Management	31-12-2021	STK OI DS	Analysis
APP ATC 162	AMAN Sequence build with integration of constraints applied for DCB/dDCB purposes	31-12-2028	STK OI DS	Analysis
APP ATC 163	Approach ATC system to support IGS-to-SRAP operations	31-08-2026	STK OI EN DS	Analysis
APP ATC 164	APP ATC System adapted to support integrated arrival/departure sequence functionalities in ATCO's HMI	31-08-2026	STK OI DS	Analysis
APP ATC 165	Upgraded Approach NTZ safety-net using DAPs via ADS-B information	31-12-2028	STK ⚙️	Analysis
APP ATC 166	Upgraded Approach NTZ safety-net using DAPs via Mode-S information	31-12-2028	STK ⚙️	Analysis
APP ATC 168	ATC System Support for Advanced Conformance Monitoring in the TMA	09-12-2026	STK OI DS	Analysis
CTE-S05	Gradual rationalisation of conventional surveillance infrastructure (ADS-B/WAM vs SSR and MSPSR vs PSR)	12-09-2018	STK OI EN ⚙️	Analysis
CTE-S06	Composite Surveillance	-	STK OI EN DS	Analysis
CTE-S07	Surveillance Performance Monitoring Tools	08-06-2030	STK OI EN DS	Analysis
CTE-S07a	Coop sensor SPM Tool ¿ ER & TMA	08-06-2030	STK OI EN DS	Analysis
CTE-S07e	SUR Chain SPM Tool ¿ ER & TMA	08-06-2030	STK OI DS	Analysis
ER APP ATC 10	Mission Trajectory including airspace reservations integrated in ATC systems	31-12-2027	STK OI	Analysis
ER APP ATC 14	Enhance Short Term Conflict Alert (STCA) to use Downlinked Aircraft Parameters	31-12-2015	STK OI EN DS	Analysis
ER APP ATC 15	Flight Data Processing: support Dynamic Sectorisation and Dynamic Constraint Management.	-	STK OI DS PCP	Analysis

Code	Title	IOC	Related Elements	Analysis
ER APP ATC 17	Enhance Traffic and Flow Management sub-systems to support dynamic flow management in co-ordination with local, regional, and European levels.	31-12-2019	STK OI OBJ DS PCP	Analysis
ER APP ATC 68	Enable Controller workstation to indicate when aircraft systems indicates an RA occurrence.	31-12-2019	STK OI EN DS	Analysis
ER APP ATC 69	STCA Separation Parameters Defined for Various Types - of Aircraft and Operations		STK OI	Analysis
ER APP ATC 76	Enable systems to differentiate between different traffic type airspaces.	31-12-2020	STK OI	Analysis
ER APP ATC 77	ATC Systems enhanced to exchange real-time (tactical) airspace status data with ASM support system	31-12-2019	STK OI EN DS PCP	Analysis
ER APP ATC 78	Update FDP to support 4D trajectory direct segments in free routing airspace beyond local AoR	31-12-2026	STK OI DS PCP	Analysis
ER APP ATC 80	Enable ATC System to Use Dynamically-Defined Airspace Reservations	31-12-2027	STK OI EN DS	Analysis
ER APP ATC 82	Enhance EN/APP ACC to use eFPL data	31-12-2026	STK OI EN DS	Analysis
ER APP ATC 82b	Enhance FDP to process iSMT/iRMT	31-12-2026	STK OI DS	Analysis
ER APP ATC 90	Enable En-Route and Approach ATC sub-systems to manage 4D contracts	31-12-2025	STK OI	Analysis
ER APP ATC 91	Enable En-Route and Approach ATC sub-system to manage 3D precision trajectory clearances	31-12-2025	STK OI	Analysis
ER APP ATC 93	Enhance Resource Management and Planning Tools to use Traffic Complexity Assessment.	31-12-2019	STK OI EN DS PCP	Analysis
ER APP ATC 96	ATC System Support to Permit a Single Planner Role Associated to Multiple Tactical Roles	30-09-2026	STK OI DS	Analysis
ER APP ATC 100	4D Trajectory Management by Synchronization of Air and Ground Trajectories through EPP	31-12-2022	STK OI DS PCP	Analysis
ER APP ATC 101	4D Trajectory Management to support the RBT (Reference Business Trajectory) revision process	31-12-2027	STK OI	Analysis
ER APP ATC 102	ATC System Support to Adapted Sector Team Roles Based on Flexible Collaboration of Tactical Controllers Supported by a Single Planner	31-12-2024	STK OI DS	Analysis
ER APP ATC 103	Enhance Monitoring Aids to Use RBT/RMT Constraints and Commitments	-	STK OI DS ⚙️	Analysis
ER APP ATC 104	Adapt Controller Conflict Detection and Resolution Tools to Use Enhanced Ground-Based Trajectory Prediction	09-12-2026	STK OI EN DS	Analysis
ER APP ATC 104b	Adapt Controller Conflict Detection and Resolution Tools to Use Enhanced Trajectory Prediction	30-12-2029	STK OI DS	Analysis
ER APP ATC 104c	Adapt Controller Conformance Monitoring Tools to Use Enhanced Ground-Based Trajectory Prediction	09-12-2026	STK OI DS	Analysis
ER APP ATC 104d	Adapt Controller Conformance Monitoring Tools to Use Enhanced Trajectory Prediction	30-12-2029	STK OI DS	Analysis
ER APP ATC 109	Support for Metering Of Interacting Arrival Flows to Multiple Airports Upstream of the TMAs	31-12-2022	STK OI DS	Analysis
ER APP ATC 119	Air/Ground Datalink Communication/Protocols for i4D and Controlled Time of Arrival	31-12-2022	STK OI EN DS PCP	Analysis
ER APP ATC 120	Enhance Conflict Detection and Resolution to Use the RBT/RMT	31-12-2023	STK OI DS	Analysis
ER APP ATC 121	Management and Delivery of Pre-Defined 2D RNP Clearances	31-12-2021	STK OI EN	Analysis
ER APP ATC 123	Enhance FDP and Traffic and Capacity Tools to Support the Dynamic Transfer of Sectors between ACCs.	31-12-2027	STK OI	Analysis
ER APP ATC 125	Management and Delivery of 2D RNP Clearances	31-12-2028	STK OI EN DS	Analysis
ER APP ATC 128	Introduce Basic AMAN	15-05-2019	STK OI DS	Analysis
ER APP ATC 129	Upgrade FDP and provide Controller Tools to provide assistance to ATC Planning for Preventing Conflicts in En-Route Airspace	-	STK OI EN DS PCP	Analysis
ER APP ATC 132	Transition ER and APP ATC systems from use of direct AGDL connection to use of European gateway.	31-12-2027	STK OI DS	Analysis
ER APP ATC 137	Enhance Safety Nets to use ADS-B information	-	STK OI	Analysis

Code	Title	IOC	Related Elements	Analysis
ER APP ATC 140	Enhance Controller Tools to Support Delegated ASAS Separation in a Mixed Mode control environment.	31-12-2037	STK OI	Analysis
ER APP ATC 143	Upgrade of ATC System to handle Improved OAT Flight Plan	31-12-2024	STK OI EN DS	Analysis
ER APP ATC 145	Controllers HMI able to identify and indicate the flights authorised to maintain self separation.	31-12-2037	STK OI	Analysis
ER APP ATC 149a	Air-Ground Datalink Exchange to Support i4D - Extended Projected Profile (EPP)	31-12-2022	STK OI EN DS PCP	Analysis
ER APP ATC 149c	Air-Ground Datalink Exchange to Support i4D - Controlled Time of Arrival/Overflight (CTA/CTO)	-	STK OI EN DS	Analysis
ER APP ATC 160	ATC to ATC Flight Data Exchange Using The Flight Object	31-12-2023	STK OI EN DS PCP	Analysis
ER APP ATC 162	ATC Flight Data Exchange with NM Using the Flight Object	31-12-2024	STK OI EN DS	Analysis
ER APP ATC 163	CWP & ground processing systems for ADS-B in Non-Radar Airspace (ADS-B NRA)	31-12-2012	STK EN	Analysis
ER APP ATC 164	Enhance ATC System to Receive and Integrate ADS-B data	-	STK OI EN	Analysis
ER APP ATC 165	CWP & ground processing systems for ATSAW ITP	-	STK OI	Analysis
ER APP ATC 167	ATC Planned Trajectories improvement with new ADS-C reports, eFPL and surveillance information.	31-12-2026	STK OI EN DS	Analysis
ER APP ATC 119	Air/Ground Datalink Communication/Protocols for i4D and Controlled Time of Arrival	31-12-2022	STK OI EN DS PCP	Analysis
ER APP ATC 149a	Air-Ground Datalink Exchange to Support i4D - Extended Projected Profile (EPP)	31-12-2022	STK OI EN DS PCP	Analysis
ER APP ATC 169	ATC System Support to Permit a Single Planner Role Associated to Single Person Operations	31-12-2028	STK OI	Analysis
ER APP ATC 170	ATC LOA Status Update	31-12-2026	STK OI DS	Analysis
ER APP ATC 171	Upgraded En-route and Approach STCA safety-net using DAPs via ADS-B information	31-12-2028	STK ⚙️	Analysis
ER APP ATC 172	Upgraded En-route and Approach STCA safety-net using DAPs via Mode-S information	31-12-2028	STK ⚙️	Analysis
ER APP ATC 173	ATC System Support to Collaboration between Controller Teams for Flexible Bypassing of Initial Planned Profiles	31-12-2027	STK OI DS	Analysis
ER APP ATC 174	ATC System to Support Flight-Centric ATC	-	STK OI DS	Analysis
ER APP ATC 175	Introduction of a new virtualisation technical concept for Controller Working Positions in the Virtual Centre Air Traffic Service Unit (VC ATSU) for improving cost efficiency.	31-12-2029	STK OI DS	Analysis
ER APP ATC 180	Controller productivity enhancements by Automatic Speech Recognition at the ER/APP CWP/HMI	31-12-2029	STK OI DS	Analysis
ER APP ATC 181	Controller productivity enhancements by Multi-Touch Input at the ER/APP CWP/HMI	31-12-2029	STK OI DS	Analysis
ER APP ATC 182	Controller productivity enhancements by Attention Guidance at the CWP/HMI	31-12-2029	STK OI DS	Analysis
ER APP ATC 183	Controller productivity enhancements by User Profile Management at the ER/APP CWP/HMI	31-12-2029	STK OI DS	Analysis
ER APP ATC 184	ATM Data Service Provider for ATC services in a Virtual Centre context	31-12-2029	STK OI DS	Analysis
ER APP ATC 185	ATM Data Service Provider for Voice services in a Virtual Centre context	31-12-2029	STK OI DS	Analysis
ER APP ATC 186	Virtual Centre ATSU	31-12-2029	STK OI DS	Analysis
HUM-003	Human factors ATCOs - Interval Management	31-12-2028	STK OI DS 👤	Analysis
HUM-006	New staffing configuration/ Multi Sector Planner in TMA/eTMA	30-09-2026	STK OI DS 👤	Analysis
HUM-016	New working methods for the integration of the Airport Transit View (ATV) into the A-CDM process.	31-12-2022	STK OI DS 👤	Analysis
HUM-018	New staffing configuration/ Multi Sector Planning in En-Route	30-09-2026	STK OI DS 👤	Analysis

Code	Title	IOC	Related Elements	Analysis
METEO-04b	Generate and provide MET information services relevant for Airport and final approach related operations (PCP)	01-07-2022	STK OI EN DS PCP	Analysis
METEO-04c	Generate and provide MET information relevant for Airport and approach related operations at short notice ('time to decision' between 3 minutes and 7days) including rotorcraft and RPAS	31-12-2026	STK OI EN DS ⚙️	Analysis
METEO-04d	Generate and provide MET information relevant for Airport and final approach for at shortest notice (less than 3 minutes 'time to decision' horizon)	-	STK OI EN ⚙️	Analysis
METEO-05b	Generate and provide MET information relevant for TMA and En-route related operations (PCP)	01-07-2022	STK OI EN DS PCP	Analysis
METEO-05c	Generate and provide MET information relevant for TMA and En-route related operations at short notice ('time to decision' between 3 minutes and 7days), including for low-level IFR operations.	31-12-2026	STK OI EN DS	Analysis
METEO-05d	Generate and provide MET information relevant for TMA and En-route related operations at shortest notice (less than 3 minutes 'time to decision')	-	STK OI EN	Analysis
MIL-0108	Exchange of specific MT data (ARES description) in standard format	31-12-2027	STK OI	Analysis
MIL-STD-04	Procedure to implement EUROAT rules.	30-10-2013	STK OI DS 📄	Analysis
NIMS-02	Provision , reception and processing of collaborative flight plan updates	31-12-2011	STK OI EN	Analysis
NIMS-13b	Enhanced short term ATFM measures ( STAM)	31-12-2019	STK OI DS PCP	Analysis
NIMS-20	Provision, reception and processing of ATFCM flight progress messages	31-12-2011	STK OI OBJ	Analysis
NIMS-27	Network DCB sub-system enhanced with improved accuracy of processing real-time data	31-12-2019	STK OI DS PCP	Analysis
NIMS-37	Basic Complexity assessment tools	31-12-2019	STK OI DS PCP	Analysis
NIMS-41	NM interface capable to integrate Airport impact assessment	31-12-2021	STK OI EN DS	Analysis
NIMS-46	Integrated local DCB working position	31-12-2027	STK OI DS	Analysis
PRO-011	ASM Procedures to ensure that the change in airspace availability is promulgated through SWIM and reflected in the NOP	31-12-2019	STK OI DS PCP	Analysis
PRO-015	Harmonised ATC Procedures for providing a standardized service to OAT flights at pan-European level	31-12-2023	STK OI DS	Analysis
PRO-024	ASM Procedures related to real-time (tactical) ASM level III information exchange	31-12-2019	STK OI DS PCP	Analysis
PRO-027	Procedures for ground-ground coordination in case of Trajectory Revision	31-12-2017	STK	Analysis
PRO-028	Procedures to support AOP-NOP collaborative process	31-12-2019	STK OI DS PCP	Analysis
PRO-029	ATC Procedures to build a sequence and coordinate with other AoR in order to facilitate CCO/CDO	01-07-2017	STK OI DS	Analysis
PRO-118	ATC Procedures for use of CTA across several AoRs	31-12-2023	STK OI DS	Analysis
PRO-125	ATC Procedures (En-route and TMA) to accommodate mixed traffic streams into multiple aerodromes	-	STK OI DS	Analysis
PRO-155	FCM Procedures for assessing demand/capacity vs. resources available based upon flexible airspace configurations	31-12-2023	STK OI	Analysis
PRO-245	ATC Procedures for use of cross border extended Arrival Management	31-12-2021	STK OI DS PCP	Analysis
PRO-247	FCM Procedures for hotspots information sharing and for CDM process to support STAM coordination and implementation..	31-12-2019	STK OI DS PCP	Analysis
PRO-250	Rotorcraft procedures for IFR access to VFR FATOs	31-12-2020	STK OI DS	Analysis
PRO-251	ATC Procedure to handle SNI IFR rotorcraft operations using PinS	31-12-2020	STK OI EN DS	Analysis
REG-0521	Regulatory provisions for SNI IFR rotorcraft operations using PinS	31-12-2018	STK EN	Analysis

Code	Title	IOC	Related Elements	Analysis
PRO-254	ATC procedures to support curved segments for arrival and departure operations, including the use of Geometric Altitude	31-12-2030	STK OI EN DS	Analysis
STD-089	Standards for efficient curved arrival and departure operations in the TMA	-	STK EN	Analysis
PRO-256	Harmonised ATC procedures for SPO in TMA/eTMA	31-12-2028	STK OI	Analysis
PRO-257	ATC Procedure to apply spacing minimum down to 2 NM	31-12-2025	STK OI EN DS	Analysis
PRO-258	ATC procedure to handle low level IFR routes for rotorcraft	31-12-2020	STK OI DS	Analysis
REG-0520	EASA State Letter for RECAT-EU Scheme	10-10-2014	STK OI EN	Analysis
REG-0524	Regulatory provisions for dynamic pair-wise wake separation minima (D-PWS)	31-12-2023	STK OI	Analysis
SVC-001	Modification of the TacticalUpdates service provided by Regional ATFCM to incorporate PTR status query and updates.	31-12-2026	STK OI DS	Analysis
SVC-004	Provision of cost-efficient E-AMAN capabilities using a Common Service	31-12-2026	STK OI DS	Analysis
SVC-005	Provision of cost-efficient Sub-Regional DCB capabilities using a Common Service	31-12-2023	STK OI DS	Analysis
SVC-008	Provision and Consumption of FlightDataDistribution Service in the context of Virtual Centres.	31-12-2029	STK OI DS	Analysis
SVC-009	Provision and Consumption of FlightDataManagement Service in the context of Virtual Centres	31-12-2029	STK OI DS	Analysis
SVC-010	Provision and Consumption of CoordinationAndTransferManagement Service in the context of Virtual Centres	31-12-2029	STK OI DS	Analysis
SVC-013	Provision and Consumption of Airspace Status Distribution Service	31-12-2029	STK OI DS	Analysis
SVC-014	Provision and Consumption of Arrival Sequence Distribution Service	31-12-2029	STK OI DS	Analysis
SVC-015	Provision and Consumption of Arrival Sequence Management Service	31-12-2029	STK OI DS	Analysis
SVC-016	Provision and Consumption of Correlation Distribution Service	31-12-2029	STK OI DS	Analysis
SVC-017	Provision and Consumption of Correlation Management Service	31-12-2029	STK OI DS	Analysis
SVC-018	Provision and Consumption of Medium Term Conflict Detection Distribution Service	31-12-2029	STK OI DS	Analysis
SVC-019	Provision and Consumption of Medium Term Conflict Management Service	31-12-2029	STK OI DS	Analysis
SVC-020	Provision and Consumption of Monitoring Aids Distribution Service	31-12-2029	STK OI DS	Analysis
SVC-021	Provision and Consumption of Operational Configuration Distribution Service	31-12-2029	STK OI DS	Analysis
SVC-022	Provision and Consumption of Operational Configuration Management Service	31-12-2029	STK OI DS	Analysis
SVC-023	Provision and Consumption of Safety Net (SNET) Alert Distribution Service	31-12-2029	STK OI DS	Analysis
SVC-024	Provision and Consumption of SSR Code Distribution Service	31-12-2029	STK OI DS	Analysis
SVC-025	Provision and Consumption of SSR Code Management Service	31-12-2029	STK OI DS	Analysis
SVC-028	Provision and Consumption of Surveillance Data Distribution Service	31-12-2029	STK OI DS	Analysis
SVC-031	Provision and Consumption of Time-based Separation Distribution Service	31-12-2029	STK OI DS	Analysis
SVC-032	Provision and Consumption of Time-based Separation Management Service	31-12-2029	STK OI DS	Analysis
SVC-033	Provision and Consumption of Voice Comm Information Distribution Service	31-12-2029	STK OI DS	Analysis
SVC-034	Provision and Consumption of Voice Comm Management Service	31-12-2029	STK OI DS	Analysis
SVC-039	Provision of cost-efficient Aeronautical Digital Maps using a Common Service	20-12-2025	STK OI DS	Analysis

Code	Title	IOC	Related Elements	Analysis
SWIM-APS-02a	Consumption of Aeronautical Information services	31-12-2020	STK OI EN DS PCP S	Analysis
SWIM-APS-04a	Consumption of G/G ATFCM Information Services	31-12-2020	STK OI EN DS PCP S	Analysis
SWIM-APS-05a	Provision and Consumption of Flight Object Sharing services	31-12-2023	STK OI EN DS PCP S	Analysis
SWIM-APS-07a	Stakeholder systems consumption of G/G Meteorological Information services	31-12-2023	STK OI EN DS PCP S	Analysis
SWIM-APS-12a	Provision and Consumption of general information for air traffic management using SWIM	31-12-2019	STK OI EN S	Analysis
SWIM-APS-16	ATC Letter of Agreement (LOA) Status publication via TacticalUpdates service by ER APP ACC	31-12-2026	STK OI DS	Analysis
SWIM-APS-18	eFPL service consumption in ATC	31-12-2026	STK OI DS	Analysis
SWIM-INFR-05a	General SWIM Services infrastructure Support and Connectivity.	31-12-2020	STK OI EN DS PCP	Analysis
SWIM-INFR-06b	Ground side SWIM technical infrastructure for Air-Ground Advisory Information Sharing	31-12-2028	STK OI EN DS	Analysis
SWIM-INFR-07	Ground/Ground SWIM technical infrastructure for civil-military SWIM-based non high-critical exchanges	31-12-2027	STK OI DS	Analysis
SWIM-NET-01a	SWIM Network Point of Presence	31-12-2020	STK OI EN DS PCP	Analysis
SWIM-SUPT-05a	SWIM Supporting IP Network Bridging Provisions	31-12-2015	STK OI EN	Analysis