



Enablers

New or modified technical system/infrastructure, human factors element, procedure, standard or regulation necessary to make (or enhance) an operational improvement.

Display Options

Filter by Related Element

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STK Stakeholders

Air Navigation Service Provider — Civil ATS Aerodrome Service Provider — Civil ATS Approach Service Provider — Civil ATS En-Route Service Provider — Civil CNS Service Provider — Civil SWIM Service Provider — Civil AIS Service Provider — Civil MET Service Provider — Civil-Military Airspace Management Cell (civil side) — Military ATS Aerodrome Service Provider — Military ATS Approach Service Provider — Military ATS En-Route Service Provider — Military CNS Service Provider — Military AIS Service Provider — Military MET Service Provider — Military SWIM Service Provider — Civil-Military Airspace Management Cell (military side)

Airport Operator — Civil APT operator — Military APT operator

Airspace User — Civil Scheduled Aviation — Civil Business Aviation-Fixed Wing — Civil Business Aviation-Rotorcraft — Civil General Aviation — Civil Flight Operations Centre — Military Transport — Military Fighter — Military Light Aircraft — Military Wing Operations Centre

Network Manager — Network Manager

Unassigned — Civil Unmanned Aircraft System — Military Unmanned Aircraft System

Categories

Institutional (Standard,Regulation) — Procedural — Human — System

Code	Title	IOC	FOC	Related Elements	Analysis
A/C-01	Enhanced positioning for LPV/RNP based on Single Frequency SBAS	31-12-2020	31-12-2026	STK OI EN DS	Analysis
A/C-01b	Aircraft capability to support Multiple Constellation / Multiple Frequency SBAS LPV 100	-	-	STK OI DS	Analysis
A/C-02a	Enhanced positioning using GBAS single frequency	31-12-2025	31-12-2031	STK OI EN DS	Analysis
A/C-02b	Enhanced positioning using multi constellation GNSS dual frequency	31-12-2026	31-12-2032	STK OI EN DS	Analysis
A/C-02c	Enhanced Vertical positioning based on GNSS extended to TMA operation	31-12-2030	31-12-2036	STK OI EN DS	Analysis
A/C-03	Determination of a preferred trajectory avoiding an area not existing in on-board data base	-	-	STK OI	Analysis
A/C-04	Flight management and guidance for improved lateral navigation in approach via RNP	31-12-2007	31-12-2013	STK OI EN DS	Analysis
A/C-04a	Flight management and guidance for Advanced RNP	31-12-2019	31-12-2025	STK OI EN DS	Analysis
A/C-04b	Flight management and guidance for RNP 0.3 (Category H(rotorcraft)) in all phases of flight, except final approach and initial missed approach	31-12-2020	31-12-2026	STK OI DS	Analysis
A/C-05a	APV Barometric VNAV	31-12-2012	31-12-2018	STK OI DS	Analysis
A/C-06	Flight management and guidance for LPV approach based on SBAS	31-12-2020	31-12-2026	STK OI EN DS	Analysis
A/C-07	Flight management and guidance for RNP transition to ILS/GLS/LPV	31-12-2020	31-12-2026	STK OI EN DS PCP	Analysis
A/C-08	Flight management and guidance to perform wake-turbulence free approach	31-12-2025	31-12-2031	STK EN	Analysis
A/C-11	Flight management and guidance for improved single time constraint achievement (CTA/CTO)	31-12-2022	31-12-2028	STK OI EN DS	Analysis
A/C-13	Flight management and guidance to improve longitudinal navigation (4D contract)	-	-	STK OI	Analysis
A/C-15b	Aircraft functions for Interval Management	31-12-2028	31-12-2034	STK OI EN DS	Analysis

Code	Title	IOC	FOC	Related Elements	Analysis
A/C-16a	Flight management and guidance to support ASEP-ITF/ITM	31-12-2020	31-12-2026	STK OI EN	Analysis
A/C-16b	Flight management and guidance to support ASEP-C&P	-	-	STK OI EN	Analysis
A/C-17	Flight management and guidance to support ASAS self-separation (SSEP)	31-12-2027	31-12-2033	STK OI EN	Analysis
A/C-18	Flight management and guidance for automatic braking according to a pre-defined runway exit	31-12-2022	31-12-2028	STK OI EN	Analysis
A/C-19a	On-board management and guidance for autonomous taxiing with engine off using electrical power	-	-	STK OI	Analysis
A/C-19b	Flight management and guidance to support automatic taxi	-	-	STK OI	Analysis
A/C-20	Automatic prevention of runway incursion (e.g. stop bar).	-	-	STK OI	Analysis
A/C-21	Coupling TCAS II RAs to the aircraft auto flight systems to enable accurate response to TCAS II RAs with display of cues for monitoring the avoidance manoeuvre	31-12-2011	31-12-2017	STK OI EN DS	Analysis
A/C-21b	Coupling TCAS II RAs to the aircraft auto flight systems to enable adaptation of altitude capture law in the autoflight control system upon closing traffic	-	31-12-2011	STK EN	Analysis
A/C-22	Enhanced Flight Vision System (EFVS)	31-12-2017	31-12-2023	STK OI EN DS	Analysis
A/C-23a	Synthetic vision in low visibility conditions	31-12-2023	31-12-2029	STK OI EN	Analysis
A/C-23b1	Combined Vision for Equivalent Visual Landing operations in LVC with HMD	30-09-2023	01-10-2029	STK OI DS	Analysis
A/C-23b2	Combined Vision for Equivalent Visual Taxi operations in LVC	30-09-2023	30-09-2029	STK OI DS	Analysis
A/C-23b3	Combined Vision for Equivalent Visual Take-off operations in LVC	-	-	STK OI	Analysis
A/C-24	Airport moving map and own aircraft position display in cockpit.	31-12-2013	31-12-2019	STK OI EN DS	Analysis
A/C-25	Airborne Traffic Situational Awareness to support surface operations (ATSA-SURF), including reception (ADS-B in), processing and display	-	-	STK OI EN	Analysis
A/C-26	Airborne traffic situational awareness to support in flight operations (ATSA-AIRB), including reception (ADS-B in), processing and display	31-12-2015	31-12-2021	STK OI EN	Analysis
A/C-27	Airborne Traffic Situational Awareness to support enhanced Visual Separation on Approach (ATSA-VSA), including reception (ADS-B in), processing and display	31-12-2015	31-12-2021	STK OI EN	Analysis
A/C-27a	Airborne Traffic Situational Awareness to support CDTI Assisted operations (ATSA-CAVS/CAPP), including reception (ADS-B In), processing, display, and alerts	31-12-2025	31-12-2031	STK OI DS	Analysis
A/C-28	Airborne Traffic Situational Awareness to support In-Trail Procedure (ATSA-ITP), including reception (ADS-B in), processing and display	31-12-2015	31-12-2021	STK OI EN	Analysis
A/C-29	On-board conflict detection and resolution to support ASAS self-separation	31-12-2027	31-12-2033	STK OI EN	Analysis
A/C-30a	On-board prediction of wake turbulences based on aircraft data exchange	31-08-2023	31-08-2029	STK OI EN	Analysis
A/C-30b	On-board detection of wake-turbulences based on on-board sensor (e.g. LIDAR)	31-12-2020	31-12-2026	STK OI EN	Analysis
A/C-30c	Onboard Detection of Wake Turbulence Encounters	31-08-2023	31-08-2029	STK OI DS	Analysis
A/C-31	Data link exchange compliant with Link 2000+	31-12-2011	31-12-2017	STK OI EN	Analysis
A/C-31a	Controller pilot data link communication (CPDLC) compliant with ATN baseline 2 (FANS 3/C)	31-12-2017	31-12-2023	STK OI EN DS 📄	Analysis
A/C-31c	Exchange of clearances or instructions (ASEP)	-	-	STK OI EN	Analysis
A/C-31d	Uplink of clearances or instructions (SSEP)	-	-	STK OI EN	Analysis
A/C-33a	Class B SATCOM	31-12-2020	31-12-2026	STK OI DS PCP	Analysis
A/C-34	On-board management of clearances or instructions revising trajectory	31-12-2025	31-12-2031	STK OI DS	Analysis

Code	Title	IOC	FOC	Related Elements	Analysis
A/C-37a	Downlink of trajectory data according to contract terms (ADS-C) compliant to ATN baseline 2 (FANS 3/C)	31-12-2021	31-12-2027	STK OI EN DS PCP	Analysis
A/C-39	Flight Management and Guidance for Adaptive Increased Glide Slope (A-IGS)	31-08-2023	31-08-2029	STK OI DS	Analysis
A/C-40	Uplink of an area dynamically activated and not existing in on-board data base	-	-	STK OI	Analysis
A/C-41	Flight Management and Guidance for Double Slope Approach	31-12-2029	31-12-2035	STK OI	Analysis
A/C-42a	On-board graphical display of taxi clearance (up linked or via voice) using common air/ground airport database	-	-	STK OI EN DS	Analysis
A/C-42b	On-board management of target times	31-12-2020	31-12-2026	STK	Analysis
A/C-42c	On-board management of dynamic update of runway/taxiway status	31-12-2025	31-12-2031	STK OI EN DS	Analysis
A/C-43a1	Traffic Alerts for Pilots during Runway Operations	30-07-2023	30-07-2029	STK OI EN DS	Analysis
A/C-43a2	Traffic Alerts for Pilots during Taxiway Operations	30-07-2023	30-07-2029	STK OI DS	Analysis
A/C-43b	On-board Alerts on Airport Surface Related to the Conformance to Clearances	31-12-2025	31-12-2031	STK OI DS	Analysis
A/C-43c	On-board Alerts on Airport Surface Related to the Compliance to the Airport Configuration	31-12-2025	31-12-2031	STK OI DS	Analysis
A/C-45	Air ground data link exchange of ATIS via ACARS	31-12-2007	31-12-2013	STK OI EN	Analysis
A/C-47	On-board management of meteorological data from on-board sensors for sharing and integration by ATM and ATM-MET systems	31-12-2026	31-12-2030	STK OI EN DS	Analysis
A/C-48	Air broadcast of aircraft position (ADS-B OUT) compliant with DO260A	-	-	OI EN	Analysis
A/C-48a	Air broadcast of aircraft position/vector (ADS-B OUT) compliant with DO260B	31-12-2011	31-12-2017	STK OI EN DS	Analysis
A/C-48b	Air broadcast of aircraft data (ADS-B OUT) compliant with new DO260C standard	-	-	STK OI EN	Analysis
A/C-53	Flight management and guidance to support NADP	31-12-2008	31-12-2014	STK OI	Analysis
A/C-54a	Enhanced Airborne Collision Avoidance (ACAS)	31-12-2025	31-12-2035	STK OI EN DS	Analysis
A/C-54a0	Extended Hybrid Surveillance	31-12-2020	31-12-2026	STK OI EN DS	Analysis
A/C-54b	ACAS adaptation to new separation modes	31-12-2020	31-12-2026	STK OI EN DS	Analysis
A/C-56a	Flight management and guidance for Precision Approach GBAS CATII/III using GPS L1	31-12-2020	31-12-2026	STK OI EN DS	Analysis
A/C-56b	Flight management and guidance to support GBAS CATII/III using dual GNSS	-	-	STK OI EN	Analysis
A/C-57	On-board migration from existing air-ground data link to air-ground SWIM for AIS/MET services	31-12-2026	31-12-2032	STK OI DS	Analysis
A/C-57a	Management of MET, and AIM and other operational Information for use in aircraft control domain	01-12-2027	01-12-2033	STK OI DS	Analysis
A/C-57c	Mobile Device for FIS/TIS data display	31-12-2026	31-12-2032	STK OI DS	Analysis
A/C-59	New ADS-B solution to increase the capacity of data broadcasted	31-12-2027	31-12-2033	STK OI EN	Analysis
A/C-61	Handling of additional military datalink messages in military aircraft for ATM purpose.	31-12-2027	31-12-2033	STK OI	Analysis
A/C-61b	Handling of additional military datalink messages in aircraft for ATM purpose.	31-12-2027	31-12-2033	STK OI	Analysis
A/C-61c	On-board management of ARES.	31-12-2027	31-12-2033	STK OI	Analysis
A/C-64	Dowlinked observed runway surface condition	31-12-2024	31-12-2030	STK OI EN	Analysis
A/C-65	On-board surface collision avoidance system	-	-	STK OI	Analysis
A/C-67	ADS-B IN	30-07-2023	31-12-2026	STK OI EN DS	Analysis
A/C-68	On-board Traffic situation processing and display for ASAS separation applications, including reception (ADS-B in)	-	-	STK OI EN	Analysis
A/C-69	Access to Information domain - link & routing	-	-	OI DS	Analysis
A/C-69a	Information Domain application for improved aircraft vertical profile in cruise	-	-	STK OI	Analysis

Code	Title	IOC	FOC	Related Elements	Analysis
A/C-71	Aircraft Based Augmentation System (ABAS) for Military A/C	-	-	STK	Analysis
A/C-72	Use of FMS/MMS data base to support mission trajectory	31-12-2024	-	STK OI EN DS	Analysis
A/C-73	Energy monitoring system during approach and landing to avoid runway excursion for dry or wet runway	31-12-2024	31-12-2030	STK OI DS	Analysis
A/C-74	Energy monitoring system during approach and landing to avoid runway excursion for any kind of contamination on runway surface	31-12-2024	31-12-2030	STK OI	Analysis
A/C-75	Take-off system monitoring to avoid runway excursion	-	-	STK OI EN DS	Analysis
A/C-81	Flight management and guidance for Curved procedures	31-12-2030	31-12-2036	STK OI EN DS	Analysis
A/C-82	Aircraft predicted runway occupancy time downlinked to ATC	31-12-2022	31-12-2028	STK OI	Analysis
A/C-83	Head Mounted Display for PinS procedures	30-09-2023	30-09-2029	STK OI	Analysis
A/C-84	Braking Action Computation Function in On-board Braking Action Computation System	31-12-2024	31-12-2030	STK OI EN	Analysis
A/C-86	On-board assistance to aircraft energy management	31-08-2023	31-08-2029	STK OI	Analysis
A/C-87	On-board assistance to flare	31-08-2023	31-08-2029	STK OI	Analysis
AAMS-01	Automated impact of Hazard Zones	-	-	STK OI DS	Analysis
AAMS-02	Dynamic Airspace Configuration tools for the Integrated Network Working Position	31-03-2028	31-03-2032	STK OI DS	Analysis
AAMS-06a	Airspace management system enhanced to generate and distribute planned airspace usage information (CIAM)	31-12-2008	31-12-2012	STK OI EN	Analysis
AAMS-06b	ASM support systems enhanced to exchange static data and airspace usage data with NM systems in AIXM format	31-12-2019	31-12-2023	STK OI EN DS PCP	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	31-12-2020	STK OI EN DS PCP	Analysis
AAMS-08	Airspace management system enhanced to support improved collaborative airspace planning	31-12-2008	31-12-2012	STK OI	Analysis
AAMS-09	Airspace management system enhanced to support the integrated European airspace planning process	-	-	STK OI EN	Analysis
AAMS-09a	NM systems enhanced to exchange static data and airspace usage data with ASM support systems in AIXM format	31-12-2014	31-12-2018	STK OI EN DS PCP	Analysis
AAMS-10a	Initial airspace management system enhanced with commonly applied GAT/OAT handling	31-12-2019	-	STK OI EN DS	Analysis
AAMS-11	ASM support systems enhanced to exchange real-time airspace status updates	31-12-2016	31-12-2020	STK OI EN DS PCP	Analysis
AAMS-12	Airspace management system equipped with a method to achieve regional airspace coordination capability	31-12-2015	31-12-2019	STK OI EN DS	Analysis
AAMS-13	ASM scenario management sub-system equipped with tools for assessing the impact of airspace changes on capacity	31-12-2026	31-12-2026	STK OI DS	Analysis
AAMS-15	Scenario management sub-system equipped with tools to support pre-tactical CDM	31-12-2019	31-12-2023	STK OI	Analysis
AAMS-16a	Airspace management functions equipped with tools able to deal with free-routing	31-12-2016	31-12-2024	STK OI DS PCP	Analysis
AAMS-16b	Airspace management system equipped with tools able to deal with flexible use of airspace	31-12-2027	31-12-2027	STK OI	Analysis
AAMS-17	adaptation of all AAMS sub-systems to the common ATM information model	31-12-2027	31-12-2031	STK OI	Analysis
AAMS-18	Airspace management system enhanced to support the European-wide use of Military Training Area as part of the integrated European airspace planning process	-	-	STK OI	Analysis
AAMS-19	Dynamic Airspace Configuration tools for the Integrated local DCB working position	-	-	OI DS	Analysis
ADSB-0001	ED 126: Safety Performance and Interoperability Requirements for ADS-B in Non Radar Airspace (ADS-B NRA)	31-12-2006	-		Analysis


Code	Title	IOC	FOC	Related Elements	Analysis
ADSB-0002	ED-161: Safety Performance and Interoperability Requirements for ADS-B in Radar Airspace (ADS-B RAD)	31-12-2009	-		Analysis
ADSB-0003	ED-163: Safety Performance and Interoperability Requirements for ADS-B for Airport Surface Surveillance (ADS-B APT)	31-12-2010	-	OI	Analysis
ADSB-0004	ED-159: Safety Performance and Interoperability Requirements for ATSAW In-Trail Procedure in Oceanic Airspace (ATSAW ITP)	31-12-2008	-	OI	Analysis
ADSB-0005	ED-160: Safety Performance and Interoperability Requirements for ATSAW Visual Separation in Approach (ATSAW VSA)	31-12-2008	-	OI	Analysis
ADSB-0006	ED-164: Safety Performance and Interoperability Requirements for ATSAW during flight operations (ATSAW AIRB)	31-12-2010	-	OI	Analysis
ADSB-0007	ED-165: Safety Performance and Interoperability Requirements for ATSAW on the airport surface (ATSAW SURF)	31-12-2010	-	OI	Analysis
ADSB-0101	ICAO Annex 10 for initial ADS-B Application	01-01-2009	-	EN	Analysis
ADSB-0102	ED 102/DO 260: MOPS for 1090 MHz ADS-B	31-12-2000	-	OI EN	Analysis
ADSB-0102a	ED102a ADS-B 1090 MHz Extended Squitter	31-12-2009	-	OI EN	Analysis
ADSB-0106	ED-129a Technical Specification for a 1090 MHz Extended Squitter ground station for ADS-B Out APT and RAD applications	31-12-2013	-	OI	Analysis
AERODROME-ATC-01	Surface movement control workstation equipped with tools for Controller-Pilot dialogue using datalink	31-12-2026	31-12-2030	STK OI EN	Analysis
AERODROME-ATC-02a	Surface movement management tools updated to provide the D-TAXI information to the pilot	31-12-2022	31-12-2026	STK OI EN DS	Analysis
AERODROME-ATC-02b	Surface movement management tools updated to provide the data-link information to the pilot for Trajectory Based Operations	31-12-2028	31-12-2032	STK OI EN DS	Analysis
AERODROME-ATC-03	Surface movement control workstation equipped with tools for runway incursion detection and alerting	30-04-2014	30-04-2018	STK OI EN	Analysis
AERODROME-ATC-03a	Runway monitoring and conflict alerting (RMCA) system based on alternative aerodrome surveillance	31-12-2029	31-12-2033	STK OI DS	Analysis
AERODROME-ATC-04	ANSP Civil ATS Aerodrome service providers (incl. Civil AMS Apron Management Service)	-	-	STK OI EN	Analysis
AERODROME-ATC-05	Surface movement information processing enhancements to support Total Airport DCB and collaborative airport planning	31-10-2028	31-10-2032	STK OI	Analysis
AERODROME-ATC-06	A-SMGCS incorporating the function that detects Conflicting ATC Clearances (CATC) for runway operations	-	-	STK OI EN DS PCP	Analysis
AERODROME-ATC-06a	Alternative aerodrome surveillance incorporating the function that detects Conflicting ATC Clearances (CATC) for runway operations	31-12-2029	31-12-2033	STK OI DS	Analysis
AERODROME-ATC-06b	A-SMGCS incorporating the function that detects Conflicting ATC Clearances (CATC) on the entire airport surface	31-12-2029	31-12-2033	STK OI DS	Analysis
AERODROME-ATC-07	A-SMGCS incorporating the function that provides Conformance Monitoring Alerts for Controllers (CMAC) on the movement area	-	-	STK OI EN DS PCP	Analysis
AERODROME-ATC-07a	Alternative aerodrome surveillance incorporating the function that provides Conformance Monitoring Alerts for Controllers (CMAC) on the movement area	31-12-2029	31-12-2033	STK OI DS	Analysis
AERODROME-ATC-07b	A-SMGCS incorporating the function that provides an advanced set of Conformance Monitoring Alerts for Controllers (CMAC) on the movement area	31-12-2029	31-12-2033	STK OI DS	Analysis
AERODROME-ATC-08	Basic Departure Management (DMAN) integrated with A-CDM systems	31-12-2010	31-12-2014	STK OI EN DS PCP	Analysis
AERODROME-ATC-09a	Flow based Improvement of operational orchestration among arrival / departure management and surface management services	31-12-2021	31-12-2025	STK OI EN DS	Analysis

Code	Title	IOC	FOC	Related Elements	Analysis
AERODROME-ATC-09c	Improvement of operational orchestration among arrival / departure management and surface management services	-	-	STK OI EN	Analysis
AERODROME-ATC-12	Provision of automatically generated taxi routes for aircraft and vehicles	-	-	STK OI EN DS PCP	Analysis
AERODROME-ATC-12b	Provision of optimised taxi routes for mobiles on the movement area	31-12-2028	31-12-2032	STK OI EN DS	Analysis
AERODROME-ATC-13	Surface movement information processing system enhanced with storage and dissemination of surface routes	31-12-2021	31-12-2025	STK OI EN DS PCP	Analysis
AERODROME-ATC-14	Surface movement management tools updated to provide ground clearances and information to the vehicle driver	31-12-2028	31-12-2032	STK OI EN DS	Analysis
AERODROME-ATC-16a	Runway Usage Management sub-system capable of processing dynamic wake-turbulence information	31-12-2023	31-12-2027	STK OI EN	Analysis
AERODROME-ATC-17	Airport ATC tool to Support Time-Based Separation in Final Approach	31-12-2019	31-12-2023	STK OI DS PCP	Analysis
AERODROME-ATC-18	Interfacing between DMAN and Routing module	31-12-2019	31-12-2023	STK OI DS	Analysis
AERODROME-ATC-19	Runway Usage Management sub-system capable of processing initial departure path wind conditions information	03-03-2025	03-03-2030	STK OI EN DS	Analysis
AERODROME-ATC-20	Enhanced ADDEP (Airport Departure Data Entry Panel)	31-12-2017	31-12-2027	STK OI EN DS	Analysis
AERODROME-ATC-21	A-SMGCS extended with dedicated processing to provide alerts for vehicles	31-12-2022	31-12-2026	STK OI EN DS	Analysis
AERODROME-ATC-22	Surface movement control workstation equipped with tools for resolution of surface conflicts	31-12-2027	31-12-2031	STK OI EN	Analysis
AERODROME-ATC-23a	Enhanced A-SMGCS Core Surveillance function for new A-SMGCS Services	-	-	STK OI	Analysis
AERODROME-ATC-25	Aerodrome ATC System to support Second Runway Aiming Point operations	31-08-2026	31-08-2030	STK OI EN DS	Analysis
AERODROME-ATC-26	Runway condition awareness management system based on runway sensors	31-12-2026	31-12-2030	STK OI EN	Analysis
AERODROME-ATC-27	Sequence Management system enhanced to use new wake turbulence separations	31-08-2026	31-08-2030	STK OI	Analysis
AERODROME-ATC-28	Surface movement control workstation equipped with initial tools for Aerodrome Control Service	31-12-2006	31-12-2010	STK OI EN	Analysis
AERODROME-ATC-28b	Surface movement control workstation in Alternative Ground Surveillance environment	31-12-2029	31-12-2033	STK OI DS	Analysis
AERODROME-ATC-29	Enhanced Runway Demand and Capacity system for mixed mode runway	-	-	STK OI EN	Analysis
AERODROME-ATC-30	APP/TWR workstation equipped with wind monitoring and forecast information (incl. winds up to 4000 ft.)	-	-	OI	Analysis
AERODROME-ATC-31	Surface movement control workstation equipped with tools to better prevent runway excursions	31-12-2029	31-12-2033	STK OI EN DS	Analysis
AERODROME-ATC-32	Runway condition awareness management system based on weather-based runway condition model	31-12-2026	31-12-2030	STK OI EN DS	Analysis
AERODROME-ATC-33	Coupled sequencing tool enhanced to better handle arrivals and departures	31-08-2026	31-08-2030	STK OI EN DS	Analysis
AERODROME-ATC-34	Sequence Management system enhanced to use reduced and predicted ROT	31-08-2026	31-08-2030	STK OI EN	Analysis
AERODROME-ATC-35	Surface movement management services enhanced to process the runway exit proposal to be uplinked to the aircraft	31-12-2022	31-12-2026	STK OI EN	Analysis
AERODROME-ATC-36	Airport surveillance data processing and distribution upgraded to store and forward flight plan data	31-12-2006	31-12-2010	STK OI	Analysis
AERODROME-ATC-39	Digital ATIS (D-ATIS) provision to the aircraft	31-12-2007	31-12-2011	STK OI	Analysis
AERODROME-ATC-41	Synchronization of departing traffic flows from multiple airports	31-12-2028	31-12-2032	STK OI EN DS	Analysis
AERODROME-ATC-42a	Airport ATC tool to support static pairwise wake separation (S-PWS) in final approach	31-12-2025	31-08-2030	STK OI EN DS	Analysis
AERODROME-ATC-44a	Departure sequence updated taking into account surface management information	31-12-2018	31-12-2022	STK OI PCP	Analysis
AERODROME-ATC-45	Communication DataLink supporting trajectory management and other flight information during approach,	-	-	STK OI EN	Analysis

Code	landing, and taxi and departure. Title	IOC	FOC	Related Elements	Analysis
AERODROME-ATC-46	Provide more accurate Wake turbulence prediction/monitoring system (Current MET Data, Dynamic A/C characteristics)	-	-	OI	Analysis
AERODROME-ATC-47	Airport ATC Subsystem to incorporate aircraft observed runway surface condition	31-12-2026	31-12-2030	STK OI EN	Analysis
AERODROME-ATC-48	Airport ATC subsystem to verify self-adjustment of spacing as a safety net	-	-		Analysis
AERODROME-ATC-50	Advanced Airport Tower Controller Working Position (A-CWP)	31-12-2019	31-12-2023	STK OI EN DS PCP	Analysis
AERODROME-ATC-51	Remote Tower Centre (RTC) position that in contingency situation hosts ATCO that will no longer be located at the local Tower.	17-01-2021	17-01-2025	STK OI DS	Analysis
AERODROME-ATC-52	Provide Remote Tower Controller position with visual reproduction of both remotod aerodrome views and other sensor data.	31-12-2020	31-12-2024	STK OI EN DS	Analysis
AERODROME-ATC-53	Remote Tower controller position enhanced with additional sources for low visibility conditions	31-12-2020	31-12-2024	STK OI EN DS	Analysis
AERODROME-ATC-54	Provide a Remote CWP that enables one ATCO to control 2 remote towers (low-density) simultaneously	15-11-2019	15-11-2023	STK OI DS	Analysis
AERODROME-ATC-55	Airport ATC analyser tool for predicting ROT	31-08-2026	31-08-2030	STK OI EN DS	Analysis
AERODROME-ATC-56	Airport ATC Function exchange current ROT information between a/c and ATC Systems	31-12-2025	31-12-2029	STK OI	Analysis
AERODROME-ATC-57	Advanced Airport Tower CWP to support new functionalities	-	-	STK OI DS	Analysis
AERODROME-ATC-58	Agile synchronisation of arrivals with departure information for the same airport	31-08-2026	31-08-2030	STK OI DS	Analysis
AERODROME-ATC-59	Enhanced Surveillance data processing on Airport Surface (APT)	31-12-2020	31-12-2024	STK OI DS	Analysis
AERODROME-ATC-60	Airport ATC system to monitor wake turbulence risk using ground-based LIDAR/Radar	-	-	STK OI	Analysis
AERODROME-ATC-61	Enhanced surface guidance management services to process the automatic triggering of airport ground signs according to the route issued by ATC	31-03-2022	31-12-2027	STK OI EN DS	Analysis
AERODROME-ATC-61b	Advanced surface guidance management services to process the automatic triggering of airport ground signs and lighting according to the route issued by ATC	30-12-2027	30-12-2031	STK OI EN DS	Analysis
AERODROME-ATC-63	Handle enhanced braking information coordinated between Ground ATC and Pilot via data link	31-12-2022	31-12-2026	STK OI EN	Analysis
AERODROME-ATC-64	Medium-Short Term Runway Management capacity planning support tool	31-12-2027	31-12-2031	STK OI EN	Analysis
AERODROME-ATC-65	Tactical Runway Management capacity planning support tool	31-12-2027	31-12-2031	STK OI EN	Analysis
AERODROME-ATC-66	Tower A-CWP interfaced to the Runway Status Lights management tool	29-04-2021	29-04-2025	STK OI EN DS	Analysis
AERODROME-ATC-67	Surface movement control workstation equipped with tools for management of Virtual Block Control supporting LVP	27-02-2021	27-02-2025	STK OI EN DS	Analysis
AERODROME-ATC-68	ATC System to support Optimised Runway Delivery on Final Approach	31-12-2025	31-08-2030	STK OI DS	Analysis
AERODROME-ATC-69	ATC system to support optimised departure separation	31-12-2025	31-08-2030	STK OI DS	Analysis
AERODROME-ATC-70	Aerodrome ATC System to support Dual Thresholds operations	31-08-2026	31-08-2030	STK OI EN DS	Analysis
AERODROME-ATC-71	Aerodrome ATC System to support Increased Glide slope operations	31-08-2026	31-08-2030	STK OI EN DS	Analysis
AERODROME-ATC-72	Aerodrome ATC system to support Adaptive Increased Glide Slope operations	31-08-2026	31-08-2030	STK OI EN	Analysis
AERODROME-ATC-73	Aerodrome ATC System to support Segmented/Double Slope operations	31-12-2029	31-12-2033	STK OI EN	Analysis
AERODROME-ATC-74	Runway Demand and Capacity system enhanced for multiple runway airport	31-08-2026	31-08-2030	STK OI EN DS	Analysis
AERODROME-ATC-75	Tools for provision of alternative ground surveillance and MET conditions (relevant in LVC)	31-12-2029	31-12-2033	STK OI DS	Analysis

Code	Title	IOC	FOC	Related Elements	Analysis
AERODROME-ATC-77	Aerodrome ATC system to support efficient curved arrival and departures operations	-	-	STK OI DS	Analysis
AERODROME-ATC-78	Airport ATC System adapted to present RECAT-EU categories on Tower Controller HMI	01-12-2015	01-12-2019	STK OI EN	Analysis
AERODROME-ATC-79	Provide a Multiple Remote Tower Module (MRTM) that enables one ATCO to control multiple remote towers simultaneously	30-06-2027	31-12-2030	STK OI DS	Analysis
AERODROME-ATC-81	ATCO planning tool for a Multiple Remote Tower Module (MRTM)	30-06-2027	30-06-2031	STK OI DS	Analysis
AERODROME-ATC-82	Technical supervision from a Multiple Tower Remote Module (MRTM)	30-06-2027	30-06-2031	STK OI DS	Analysis
AERODROME-ATC-83	Multiple Remote Tower planning tools for Supervisor	-	-	STK OI DS	Analysis
AERODROME-ATC-84	Multiple Remote Tower Module allowing dynamic allocation of aerodromes	-	-	STK OI DS	Analysis
AERODROME-ATC-85	Provide the Multiple Remote Tower Module with automation functionalities to reduce controller workload	-	-	STK OI DS	Analysis
AERODROME-ATC-86	Workstation equipped with 'bubble separation' or 'spacing' tools for monitoring the reduction of spacing between two aircraft	31-12-2028	31-12-2032	STK OI DS	Analysis
AERODROME-ATC-87	RWSL management tool fed with airport surveillance data to determine runway usage and to control the airfield Runway Status Lights	29-04-2021	29-04-2026	STK OI EN DS	Analysis
AERODROME-ATC-88	Multiple Remote Tower Module provided with basic ground surveillance	31-12-2026	31-12-2030	STK OI	Analysis
AERODROME-ATC-89	Controller working position equipped with tools providing time critical weather alerts	31-12-2029	31-12-2033	STK OI DS	Analysis
AERODROME-ATC-90	ATC Tower System equipped with Taxiway Conflict Detection	31-12-2029	31-12-2033	STK OI DS	Analysis
AERODROME-ATC-91	ATC Tower System equipped with Traffic Density Estimation	31-12-2029	31-12-2033	STK OI	Analysis
AERODROME-ATC-92	Real-time Airport Weather Observation service with Artificial Intelligence algorithms	31-10-2029	31-10-2033	STK OI DS	Analysis
AERODROME-ATC-93	Aerodrome ATC system to support optimised runway separation delivery in mixed mode operations	31-08-2026	31-08-2030	STK OI EN	Analysis
AERODROME-ATC-94	Aerodrome ATC system to support IGS-to-SRAP operations	31-08-2026	31-08-2030	STK OI EN DS	Analysis
AERODROME-ATC-95	Runway condition awareness management system based on surveillance	31-12-2026	31-12-2030	STK OI EN	Analysis
AERODROME-ATC-96	Runway condition awareness management system based on braking action data reported by flight crew	31-12-2026	31-12-2030	STK OI EN	Analysis
AERODROME-ATC-97	Runway condition awareness management system based on manual assessment of contamination	31-12-2026	31-12-2030	STK OI EN	Analysis
AERODROME-ATC-98	Runway condition awareness management system providing predicted runway surface information	31-12-2026	31-12-2030	STK OI EN	Analysis
AERODROME-ATC-100	Controller productivity enhancements by Automatic Speech Recognition at the Aerodrome CWP/HMI	31-12-2029	31-12-2033	STK OI DS	Analysis
AERODROME-ATC-101	Controller productivity enhancements by User Profile Management at the Aerodrome CWP/HMI	31-12-2029	31-12-2033	STK OI DS	Analysis
AGDLS-ATC-AC-1	ICAO PANS-ATM for initial ADS-C based services	01-01-2008	-	OI EN DS PCP	Analysis
AGDLS-ATC-AC-7	Implementing Rules for Datalink Services over ATN	16-01-2009	-	EN	Analysis
AGDLS-ATC-AC-8	Community Specifications for Datalink Services over ATN	24-06-2011	-	EN	Analysis
AGDLS-ATC-AC-10	Update ICAO Doc 9880 for aligning PM-ADS-C and PM-FIS with PM-CPDLC	31-12-2013	-	EN	Analysis
AGDLS-ATC-AC-11a	New SPR for PM ADS-C services i4D	31-12-2013	-	OI EN DS PCP	Analysis
AGDLS-ATC-AC-11c	New IOP for PM ADS-C services i4D	31-12-2013	-	OI EN DS PCP	Analysis
AGDLS-ATC-AC-14a	New SPR for data link exchange of Departure Clearance (DCL) via ATN B2	31-12-2014	-	EN	Analysis
AGDLS-ATC-AC-14b	New SPR for data link exchange of Instructions and clearances (ACL) over ATN B2	31-12-2014	-	EN	Analysis
AGDLS-ATC-AC-14c	New SPR for data link exchange of instructions or clearances for ATSA-ITP over ATN B2	31-12-2013	-		Analysis
AGDLS-ATC-AC-14d	New SPR for data link exchange of instructions or clearances related to	31-12-2013	-	OI EN DS	Analysis

Code	CTA allocation (4DTRAD) Title	IOC	FOC	Related Elements	Analysis
AGDLS-ATC-AC-14e	New SPR for data link exchange of clearances or instructions for ASAS Spacing	31-12-2013	-	EN	Analysis
AGDLS-ATC-AC-14f	New SPR for data link exchange of clearances or instructions for push-back/start-up and taxi (D-Taxi)	31-12-2013	-	EN	Analysis
AGDLS-ATC-AC-15a	New IOP for data link exchange of Departure Clearance (DCL) via ATN B2	31-12-2014	-	EN	Analysis
AGDLS-ATC-AC-15b	New IOP for datalink exchange of Instructions and clearances (ACL) over ATN B2	31-12-2014	-	EN	Analysis
AGDLS-ATC-AC-15c	New IOP for data link exchange of instructions or clearances for ATSA-ITP over ATN B2	31-12-2011	-		Analysis
AGDLS-ATC-AC-15d	New IOP for data link exchange of instructions or clearances related to CTA allocation (4DTRAD)	31-12-2013	-	OI EN DS	Analysis
AGDLS-ATC-AC-15e	New IOP for data link exchange of clearances or instructions for ASAS Spacing	31-12-2013	-	EN	Analysis
AGDLS-ATC-AC-15f	New IOP for data link exchange of clearances or instructions for push-back/start-up and taxi (D-Taxi)	31-12-2013	-	EN	Analysis
AGDLS-STD-01	ICAO provisions for CPDLC for IM	-	-	OI EN	Analysis
AGDLS-STD-02	ICAO Provisions for new satellite based communications	31-12-2018	-	EN	Analysis
AGDLS-STD-03	Use of Inmarsat IV satellites in oceanic area	31-12-2013	-	EN	Analysis
AGDLS-STD-04	ICAO Provisions (SARPS and Manual) for Airport Surface Data Communication based on AeroMACS	31-12-2016	-	EN	Analysis
AGDLS-STD-05	AIS data-link services - MASPS	31-12-2015	-		Analysis
AGDLS-STD-10	Use of Inmarsat IV satellites SBB precursor in continental area	31-12-2016	-	EN	Analysis
AGDLS-TECH-1	Update of ED92a for handover and multi-frequency in VDL Mode 2	31-12-2012	-		Analysis
AGDLS-TECH-2	New ICAO Standard for ATN / IPS	31-12-2020	-	OI EN	Analysis
AGDLS-TECH-7	ATN Baseline II Ground System Providing Service to a FANS-1/A aircraft (ED-100A/DO-258A)	31-12-2005	-		Analysis
AGSWIM-35	Flight Data updates transmitted by AGDLGMS to the Aircraft	31-12-2027	31-12-2031	OI DS	Analysis
AGSWIM-36	Flight Data dialogues supported by AGDLGMS	31-12-2027	31-12-2031	OI DS	Analysis
AGSWIM-37	Flight Data updates made by the aircraft leading to ground shared flight data updates	31-12-2027	31-12-2031	OI DS	Analysis
AGSWIM-38	SWIM enabled services for AGDLGMS	31-12-2015	31-12-2019	STK OI DS	Analysis
AGSWIM-41	AGDLGMS in support to provide extended OTIS to the aircraft	31-12-2026	31-12-2030	OI	Analysis
AGSWIM-43	AGDLGMS in support to provide weather information to the aircraft	-	-		Analysis
AGSWIM-44	Transmission by AGDLGMS of the airborne Weather information to the meteo system for weather model improvement	-	-		Analysis
AGSWIM-51	Air-ground datalink communications service for arrival manager information delivery	-	-		Analysis
AIMS-04	Network management functions supported with real-time airspace data	24-03-2028	24-03-2032	OI DS	Analysis
AIMS-06	Ground-Ground AIS provision to ASM	31-12-2019	-	STK OI EN DS PCP	Analysis
AIMS-07	Generation of pre-flight briefing information	31-12-2007	31-12-2011	STK OI	Analysis
AIMS-07a	Generation of Enhanced Pre-flight Briefing based on digital data	31-12-2023	31-12-2030	STK OI EN DS	Analysis
AIMS-13	Controlled & Harmonised Aeronautical Information Network Activity (CHAIN)	31-12-2006	31-12-2010	STK OI	Analysis
AIMS-14	Set up a digital data chain to ensure the Aeronautical Information data provision into on-board avionic systems	31-10-2020	31-10-2024	STK OI EN DS	Analysis
AIMS-15	Aeronautical Information sub-system enhanced to be able to handle Dynamic Mobile Areas	31-12-2027	31-12-2033	STK OI DS	Analysis
AIMS-16	Electronic Terrain and Obstacle Data (TOD)	31-12-2023	31-12-2027	STK OI EN DS	Analysis

Code	Title	IOC	FOC	Related Elements	Analysis
AIMS-19a	Aeronautical Information system is interfaced to receive and distribute aeronautical information electronically to/from ANSPS systems.	31-12-2023	31-12-2027	STK OI EN DS	Analysis
AIMS-19b	Aeronautical Information system is interfaced to receive and distribute aeronautical information electronically to military systems.	31-12-2024	31-12-2030	STK OI EN DS	Analysis
AIMS-20	Airspace Data Repository	31-12-2010	31-12-2014	STK OI	Analysis
AIMS-21	Airspace management system enhanced for external user access to the airspace data repository	31-12-2008	31-12-2012	STK OI EN	Analysis
AIMS-22	Airspace management functions enhanced to provide airspace status information	31-12-2007	31-12-2011	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	31-12-2031	STK OI DS	Analysis
AIMS-24	Provide semantic analysis capabilities.	31-12-2026	31-12-2026	STK OI	Analysis
AIMS-STD-01	Airport Mapping Database	31-12-2016	-		Analysis
AIRPORT-01	In-vehicle access to ground clearances and information	31-12-2027	31-12-2031	STK OI EN DS	Analysis
AIRPORT-02	TTA Airport Impact Assessment Tool	31-12-2021	31-12-2025	STK OI EN DS	Analysis
AIRPORT-02b	Enhanced Airport Impact Assessment Tool	-	-	STK OI EN DS	Analysis
AIRPORT-03	Airports Operation Plan (AOP) tool	31-12-2020	31-12-2024	STK OI EN DS PCP	Analysis
AIRPORT-03b	Enhanced Airport Operation Plan (AOP) Tool	31-12-2027	31-12-2031	STK OI EN DS	Analysis
AIRPORT-03c	Light Airport Operational Plan (AOP) Management Tool (for Regional Airports)	31-12-2028	31-12-2032	STK OI EN DS	Analysis
AIRPORT-04	De-icing support tool in a A-CDM environment	31-12-2022	31-12-2026	STK OI EN DS	Analysis
AIRPORT-06	UDPP Departure on A-CDM Airport system	-	-	STK OI EN DS	Analysis
AIRPORT-07	Decision support processes/tools for airport operations management	31-12-2027	31-12-2031	STK OI EN DS	Analysis
AIRPORT-08	Decay Enhancing Devices	31-08-2025	31-08-2029	STK OI DS	Analysis
AIRPORT-09	Airport Data Replay System	31-12-2026	31-12-2030	STK OI EN	Analysis
AIRPORT-10	Meteo Impact Assessment Tool	31-12-2028	31-12-2032	STK OI DS	Analysis
AIRPORT-11	Meteo Advisory Tool	31-12-2027	31-12-2031	STK OI	Analysis
AIRPORT-12	Airport Business Intelligence System (Machine Learning based on historical data)	31-12-2028	31-12-2032	STK OI EN	Analysis
AIRPORT-14	Surface movement control workstation equipped with tools for conflict detection and alerting for Runway operations in an uncontrolled environment	31-12-2027	31-12-2031	STK	Analysis
AIRPORT-16	Provide a ground-based vehicles management service to support 'Non-autonomous Engine-off Taxiing'.	-	-	STK OI	Analysis
AIRPORT-30	Use of airport wireless communication infrastructure for mobile data'	31-12-2022	31-12-2026	STK OI EN DS	Analysis
AIRPORT-31	Airport CDM (levels 1, 2 & 3)	26-06-2010	26-06-2014	STK OI EN DS PCP	Analysis
AIRPORT-33	Provision of departure and arrival constraints to the Aerodrome ATC surface management	-	-	STK OI PCP	Analysis
AIRPORT-34	Airport equipped with (real time) environmental monitoring systems	31-12-2008	31-12-2012	STK OI DS	Analysis
AIRPORT-35a	Airport CDM (level 4 - CDM integrated with passenger process)	31-12-2023	31-12-2027	STK OI EN DS	Analysis
AIRPORT-35b	Airport CDM (level 4 - CDM integrated with landside processes)	31-12-2028	31-12-2032	STK OI DS	Analysis
AIRPORT-36	Provision by the Airport Operator of the relevant constraint to Aerodrome ATC	31-12-2019	31-12-2023	STK OI EN DS	Analysis
AIRPORT-37	Systems for the detection and identification of Foreign Objects Debris (FOD).	31-10-2010	31-10-2014	STK OI	Analysis
AIRPORT-38	Airport/ATFCM Extended data interface	31-12-2020	31-12-2023	STK OI EN DS PCP	Analysis

Code	Title	IOC	FOC	Related Elements	Analysis
AIRPORT-40	Airport Performance Monitoring System	31-12-2022	31-12-2026	STK OI EN DS	Analysis
AIRPORT-40b	Enhanced Airport Performance Monitoring System (Airside/Landside dashboard)	31-12-2028	31-12-2032	STK OI EN DS	Analysis
AIRPORT-41	Airport Operations Centre Support Tools (Dashboard)	31-12-2028	31-12-2032	STK OI DS	Analysis
AIRPORT-42	Tactical Capacity Planning Tools (Airside/Landside)	31-12-2028	31-12-2032	STK OI DS	Analysis
AIRPORT-44	On-board vehicle display for taxi information and clearances, using common airport map database	-	-	STK OI EN DS	Analysis
AIRPORT-45	On-board vehicle system to provide safety net alerts to vehicle drivers	31-12-2022	31-12-2026	STK OI EN DS	Analysis
AIRPORT-46	On-board vehicle safety net alerts generation	31-12-2022	31-12-2026	STK OI EN DS	Analysis
AIRPORT-47	Surface Traffic Situational Awareness to process and display in an 'On-board Vehicle System' the own position and surrounding traffic.	31-12-2022	31-12-2026	STK OI EN DS	Analysis
AIRPORT-48	Advanced Airport UDPP integrated with AOP Monitoring	31-12-2027	31-12-2031	STK OI DS	Analysis
AIRPORT-49	Airfield Ground Lighting system upgraded to provide the Runway Status Lights	29-04-2021	29-04-2026	STK OI EN DS	Analysis
AIRPORT-50	Airport Operational Business Model Database for Determination of CDM Event Milestones	31-12-2028	31-12-2032	STK OI DS	Analysis
AIRPORT-51	Airport Data Recording System	31-12-2026	31-12-2030	STK OI EN DS	Analysis
AIRPORT-52	DPI/API revision triggered by airport capacity constrained situations	31-12-2027	31-12-2031	STK OI DS	Analysis
AIRPORT-54	Airport Data Analysis System (Post-Ops based on Recording)	31-12-2026	31-12-2030	STK OI EN DS	Analysis
AIRPORT-55	Data transmission means supporting aircraft-airport exchange of information (airport side)	31-12-2026	31-12-2030	STK OI EN	Analysis
AIM/M-03	Update of ICAO Annex 15 for Electronic Terrain and Obstacle (TOD)	31-12-2012	-	EN	Analysis
AIM/M-04-2	EUROCAE ED99C/ED119B for Airport Mapping (AMXM)	31-12-2011	-	OI DS	Analysis
AOC-ATM-10	Modification of AOC/WOC-ATM trajectory management system (or new systems) to allow quality of service requested by NOP for pre-flight trajectory with dynamic routing	31-12-2019	31-12-2023	STK OI DS PCP	Analysis
AOC-ATM-11	LOAs Integration in FOC trajectories	31-12-2026	31-12-2032	STK OI EN DS PCP	Analysis
AOC-ATM-13	Participating of the FOC/ WOC in the airport triggered CDM process	31-12-2020	31-12-2025	STK OI EN DS PCP	Analysis
AOC-ATM-14	Upgrade of WOC system to handle improved OAT flight plans	31-12-2024	31-12-2030	STK OI EN DS	Analysis
AOC-ATM-15	Upgrade of Wing Ops System Technical Architecture to provide Military Mission Trajectory Services	31-12-2019	31-12-2023	STK OI EN DS PCP	Analysis
AOC-ATM-17	UDPP Departure system for FOC	31-12-2021	31-12-2025	STK OI DS	Analysis
AOC-ATM-18	FOC adaptation to support UDPP	31-12-2026	31-12-2032	STK OI DS	Analysis
AOC-ATM-20	Sharing of trajectory data between AOC/WOC and the ATM world using B2B web services	06-07-2018	06-07-2024	STK OI EN DS PCP	Analysis
AOC-ATM-22	TT data integration in the FOC trajectory	31-12-2026	31-12-2032	STK OI DS	Analysis
AOC-ATM-23	SID/STAR and Runway Configuration Plan information integration in the FOC trajectory	31-12-2026	31-12-2032	STK OI DS	Analysis
AOC-ATM-24	Integration of the AOWIR service provisions	31-12-2027	31-12-2033	STK OI DS	Analysis
AOC-ATM-25	Integration of PFP/eFPL submission in the flight planning	31-12-2024	31-12-2030	STK OI DS	Analysis
AOC-ATM-26	Integration of the AOWIR service provisions	31-12-2027	31-12-2033	STK OI DS	Analysis
APP ATC 61	Ground functions for Interval Management	31-12-2028	31-12-2032	STK OI DS	Analysis
APP ATC 62	Demand and Capacity system enhanced to better handle departure flows out of the TMA	31-12-2028	31-12-2032	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	31-12-2032	STK OI DS	Analysis

Code	Title	IOC	FOC	Related Elements	Analysis
APP ATC 74	ATC System Support for Reduced, Weather-Dependent Separation Standards in Final Approach	31-12-2025	31-12-2030	STK OI EN DS	Analysis
APP ATC 92	ATC tools to re-organize traffic flows to reduce complexity	31-12-2022	31-12-2026	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	31-12-2025	STK OI EN	Analysis
APP ATC 99	ATC System to use Real-Time Meteorological Information Received From Met Systems	31-12-2025	31-08-2030	STK OI EN DS	Analysis
APP ATC 110	Enhance Arrival Management to collaborate with non-local Departure Management.	31-12-2028	31-12-2032	STK OI DS	Analysis
APP ATC 111	Enhance AMAN to extend arrival management to en-route airspace - single TMA	31-12-2021	31-12-2025	STK OI EN DS PCP	Analysis
APP ATC 112	Approach ATC System to support Segmented/Double Slope operations	31-12-2029	31-12-2033	STK OI EN	Analysis
APP ATC 113	Approach ATC System to support Adaptive Increased Glide Slope operations	31-08-2026	31-08-2030	STK OI EN	Analysis
APP ATC 114	Approach ATC System to support Increased Glide Slope operations	31-08-2026	31-08-2030	STK OI EN DS	Analysis
APP ATC 115	Approach ATC System to support Second Runway Aiming Point operations	31-08-2026	31-08-2030	STK OI EN DS	Analysis
APP ATC 116	APP ATC System to support Dual Thresholds operations	31-08-2026	31-08-2030	STK OI EN DS	Analysis
APP ATC 117	Enable ATC System to Allow Dynamic Resizing of TMA Sectors	31-12-2023	31-12-2027	STK OI	Analysis
APP ATC 118	ATC System to support static pairwise wake separation (S-PWS) on approach	31-12-2025	31-08-2030	STK OI EN DS	Analysis
APP ATC 119	Approach ATC System Support for Curved Arrival and Departures Operations, including the use of Geometric Altitude	31-12-2030	31-12-2034	STK OI DS	Analysis
APP ATC 120	ATC System to support Optimised Runway Delivery on Final Approach	31-12-2025	31-08-2030	STK OI DS	Analysis
APP ATC 126	ATC System to Support Pairwise Separation in Specific Conditions based on down-linked parameters	31-12-2029	31-12-2033	STK OI EN	Analysis
APP ATC 134	Adapt Safety Nets for Support to RNP in Approach/TMA	31-12-2019	31-12-2023	STK OI EN DS PCP	Analysis
APP ATC 136	Adapt STCA for Operation in TMA	31-12-2017	31-12-2027	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	31-12-2026	STK OI DS	Analysis
APP ATC 155	ATC System Support to Medium-Term Conflict Detection and Resolution in the TMA	31-12-2026	31-12-2030	STK OI DS	Analysis
APP ATC 156	ATC System to Support Time-Based Separation in Final Approach	31-12-2019	31-12-2023	STK OI DS PCP	Analysis
APP ATC 158	Enhanced arrival management to cover ground holding at the departure aerodrome	31-12-2027	31-12-2031	STK OI DS	Analysis
APP ATC 159	Approach ATC system updated for Minimum Separation Based on Required Surveillance Performance (separation delivery)	31-12-2025	31-12-2030	STK OI EN DS	Analysis
APP ATC 160	ATC System adapted to present RECAT-EU categories on ATCO HMI	01-12-2015	01-12-2019	STK OI EN	Analysis
APP ATC 161	Enhance AMAN to support Flow based Integration of Arrival and Departure Management	31-12-2021	31-12-2025	STK OI DS	Analysis
APP ATC 162	AMAN Sequence build with integration of constraints applied for DCB/dDCB purposes	31-12-2028	31-12-2032	STK OI DS	Analysis
APP ATC 163	Approach ATC system to support IGS-to-SRAP operations	31-08-2026	31-08-2030	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	31-08-2030	STK OI DS	Analysis
APP ATC 165	Upgraded Approach NTZ safety-net using DAPs via ADS-B information	31-12-2028	31-12-2032	STK ⚙️	Analysis
APP ATC 166	Upgraded Approach NTZ safety-net using DAPs via Mode-S information	31-12-2028	31-12-2032	STK ⚙️	Analysis
APP ATC 168	ATC System Support for Advanced Conformance Monitoring in the TMA	09-12-2026	09-12-2030	STK OI DS	Analysis
ASAS-0202	New SPR and IOP for ASAS Spacing Application (ED-195)	31-12-2011	-		Analysis

Code	Title	IOC	FOC	Related Elements	Analysis
ASAS-STD-01	MOPS for ASAS Spacing Application ED-195A Updated SPR and Interop for ASPA FIM	31-12-2015	-	OI	Analysis
ASAS-STD-02	ICAO provisions for Interval Management	-	-	OI DS	Analysis
ASMGCS-0101	Update of ICAO Annex 14 for A-SMGCS	31-12-2006	-	OI EN	Analysis
ASMGCS-0102	Update of ICAO Manual Doc 9476-AN/927 for A-SMGCS	31-12-2006	-	OI EN	Analysis
ASMGCS-0103	EUROCONTROL IS/SUR MODES/SYS/002 - Ed 1.0 22: Mode S Transponder in an Airport/A-SMGCS Environment	31-12-2006	-	OI EN	Analysis
ASMGCS-0104	Community Specifications on A-SMGCS Surveillance & Airport Safety Nets	30-04-2014	-	OI EN	Analysis
ASMGCS-0113	Update of EUROCAE ED116 (MOPS) for A-SMGCS Surface Movement Radar	01-01-2008	-	OI	Analysis
ASMGCS-0114	Update of EUROCAE ED117 (MOPS) for A-SMGCS Multilateration Systems	01-01-2008	-	OI	Analysis
ASMGCS-0115	Update of EUROCAE ED128 for A-SMGCS Guidelines for Surveillance Data Fusion	01-01-2007	-	OI	Analysis
ASMGCS-STD-01	MASPS and new MOPS for A-SMGCS new functions for PCP	31-12-2017	-	OI EN PCP	Analysis
ATC-STD-01	Ground-Ground flight data exchange	31-12-2017	-	OI EN DS PCP	Analysis
ATC-STD-02	Pre-departure extended Flight Plan	31-12-2016	-		Analysis
BTNAV-0306	MOPS for GBAS Cat I Ground Sub-System (ED-114A)	31-12-2013	-	EN	Analysis
BTNAV-0307a	MOPS/ICD for GBAS receiver (ED-88)	01-01-2010	-	EN	Analysis
BTNAV-0310	Community Specifications for GBAS Cat I & APV Approaches	31-12-2018	-		Analysis
BTNAV-0501	FAA order 8400.13 / EU OPS for HUD/EVS usage Procedures	31-12-2011	-	EN	Analysis
BTNAV-0502	Update of Minimum Performance Standard for Enhanced Vision (EV)	31-12-2013	-	OI EN	Analysis
BTNAV-0503	New ARP standard for Transport Category Airplane HUD/SVS systems	31-12-2015	-	OI	Analysis
BTNAV-0504	Update of Minimum Performance Standard for Airborne Synthetic Vision (SV)	31-12-2017	-	OI EN	Analysis
BTNAV-STD-01	Enhanced navigation capability to support CTA	31-12-2014	-	EN	Analysis
BTNAV-STD-02	Navigation Performance in ICAO provisions for Enhanced CTA	31-12-2016	-	OI EN DS	Analysis
BTNAV-STD-03	Galileo service and antenna	31-12-2016	-	EN	Analysis
BTNAV-STD-04	Galileo Open Service in ICAO provisions	31-12-2018	-	EN	Analysis
BTNAV-STD-05	GPS L5 service in ICAO provisions	31-12-2018	-	EN	Analysis
BTNAV-STD-06	Update ICAO PANS-ATM for RNAV/RNP, curved approaches and Initial 4D capabilities	31-12-2013	-	EN	Analysis
BTNAV-STD-07	Update of ICAO Doc 9931 for Continuous Descent Operations (CDO)	31-12-2014	-		Analysis
BTNAV-STD-08	Update of ICAO provisions for initial GBAS Cat II/III based using GPS L1	31-12-2018	-	EN	Analysis
BTNAV-STD-10	MASPS for initial GBAS Cat II/III	31-12-2018	-	EN	Analysis
CDM-01	Community Specifications for A-CDM	26-06-2010	-	OI PCP	Analysis
CTE-C01	A/G Voice radio	31-12-2012	31-12-2016	STK OI DS	Analysis
CTE-C01a	Existing Voice radio (VHF 25/8.33KHz)	31-12-2012	31-12-2016	STK OI DS	Analysis
CTE-C01b	New Digital A/G Voice	31-12-2029	31-12-2033	STK OI DS	Analysis
CTE-C01c	SATCOM Voice for ATC (oceanic and Polar)	31-12-2012	31-12-2016	OI DS	Analysis
CTE-C02	A/G Datalink radio	31-12-1980	31-12-1984	STK OI DS	Analysis
CTE-C02a	A/G datalink over ACARS (POA/AOA)	31-12-1980	31-12-1984	STK OI DS	Analysis
CTE-C02b	A/G Datalink over ATN/OSI - Single frequency	31-12-2005	31-12-2009	STK OI EN DS	Analysis












Code	Title	IOC	FOC	Related Elements	Analysis
CTE-C02c	A/G Datalink over ATN/OSI - Multi frequency	31-12-2021	31-12-2025	STK OI EN DS PCP ⚙️	Analysis
CTE-C02d	New Airport Datalink technology (AEROMACS)	31-12-2022	31-12-2028	STK OI EN DS ⚙️	Analysis
CTE-C02d0	New Airport Datalink technology (AEROMACS)	31-12-2029	31-12-2035	STK OI DS	Analysis
CTE-C02e	New A/G datalink using ATN/IPS over L-band	31-12-2028	31-12-2032	STK OI EN DS ⚙️	Analysis
CTE-C02f	Future Satcom for ATM: SATCOM Class B in Multilink	31-12-2020	31-12-2024	STK OI EN DS ⚙️	Analysis
CTE-C02g	Air to Air functionality of New A/G radios	31-12-2029	31-12-2035	STK OI DS ⚙️	Analysis
CTE-C02h	Future Satcom for ATM - Long term Satcom/IRIS (class A Satcom)	-	-	STK OI DS ⚙️	Analysis
CTE-C03	Commercial Telecom Infrastructure (SATCOM, Gatelink)	31-12-2000	31-12-2004	OI DS ⚙️	Analysis
CTE-C03a	Commercial wireless airport surface communication (Gatelink)	31-12-2000	31-12-2004	OI DS ⚙️	Analysis
CTE-C03b	Broadband Satcom Datalink (i.e. Global Express)	31-12-2028	31-12-2032	STK OI DS ⚙️	Analysis
CTE-C03c	Commercial wireless technologies at the Airport surface (not for safety-critical services)	31-12-2029	31-12-2033	STK OI DS ⚙️	Analysis
CTE-C03d	Commercial mobile/cellular telecommunications to support non-safety services for General Aviation	31-12-2026	31-12-2032	STK OI DS	Analysis
CTE-C04	Future Communication Infrastructure ATN/IPS and Multilink	31-12-2028	31-12-2032	STK OI EN DS ⚙️	Analysis
CTE-C05	Ground ATS Voice	31-12-2013	31-12-2017	OI DS ⚙️	Analysis
CTE-C05a	VoIP for ground telephony	-	-	STK OI EN DS PCP ⚙️	Analysis
CTE-C05b	Digital Voice / VoIP for ground segment of Air-Ground voice	-	-	STK OI EN DS PCP ⚙️	Analysis
CTE-C06	Ground ATM Data communication Network	31-12-2010	31-12-2014	OI DS ⚙️	Analysis
CTE-C06a	PENS - Phase 1	31-12-2010	31-12-2014	STK OI DS ⚙️	Analysis
CTE-C06b	PENS - Phase 2	31-12-2016	31-12-2020	STK OI DS ⚙️	Analysis
CTE-C06c	AMHS	31-12-2012	31-12-2016	STK OI DS ⚙️	Analysis
CTE-C06d	Gateway for CIV/MIL Interoperability	31-12-2026	31-12-2030	STK OI DS ⚙️	Analysis
CTE-C07a	VDL2 infrastructure optimisation	31-12-2013	31-12-2017	STK OI EN	Analysis
CTE-C07b	Frequency Optimisation	31-12-2013	31-12-2017	STK OI	Analysis
CTE-C14	Advanced VCS (Voice Com System) for a Multiple Remote Tower Module (MRTM)	30-06-2027	31-12-2030	STK OI DS	Analysis
CTE-CGOV01	Data communications Service Provision for ATS and AOC services	-	-	OI DS	Analysis
CTE-CGOV02	Data and voice Communications Service Provision for ATS and AOC services	-	-	OI DS	Analysis
CTE-CGOV03	Telco service provider for IP data network supporting ATM services	-	-	OI DS	Analysis
CTE-N01	GPS L1/L5	31-12-2020	31-12-2024	STK OI DS PCP ⚙️	Analysis
CTE-N02	GALILEO E1/E5	31-12-2023	31-12-2027	OI EN DS ⚙️	Analysis
CTE-N03	GLONASS-K	31-12-2020	31-12-2024	OI EN ⚙️	Analysis
CTE-N04	BEIDOU B1/B5	31-12-2020	31-12-2024	OI EN ⚙️	Analysis
CTE-N05	GNSS performance assessment system	31-12-2023	31-12-2027	STK OI DS ⚙️	Analysis

Code	Title	IOC	FOC	Related Elements	Analysis
CTE-N06	Space Based Augmentation System (SBAS)	31-12-2020	31-12-2024	STK OI EN DS ⚙️	Analysis
CTE-N06a	EGNOS V2.4.X	31-12-2020	31-12-2024	OI EN DS ⚙️	Analysis
CTE-N06b	EGNOS V3	31-12-2023	31-12-2027	OI EN DS ⚙️	Analysis
CTE-N07	Ground Based Augmentation System (GBAS)	31-12-2025	31-12-2029	STK OI EN DS ⚙️	Analysis
CTE-N07a	GBAS Cat I based on Single-Constellation / Single-Frequency GNSS (GPS L1)	31-12-2012	31-12-2016	STK OI EN ⚙️	Analysis
CTE-N07b	GBAS Cat II/III based on Single-Constellation / Single-Frequency GNSS (GPS L1)	31-12-2025	31-12-2035	STK OI EN DS ⚙️	Analysis
CTE-N07c	GBAS Cat II/III based on Multi-Constellation / Multi-Frequency (MCMF) GNSS (GPS + GALILEO / L1 + L5)	31-12-2026	31-12-2030	STK OI EN DS ⚙️	Analysis
CTE-N07d	GBAS expanded service volume	31-12-2027	31-12-2031	STK OI EN DS	Analysis
CTE-N07e	GBAS CAT II/III based on Single-Constellation / Single-Frequency GNSS (GPS L1) extension to equatorial and Nordic regions	31-12-2029	31-12-2033	STK OI EN DS	Analysis
CTE-N07f	GBAS robustness towards interference	31-12-2029	31-12-2033	STK OI EN DS	Analysis
CTE-N07g	GBAS GS status data provision	31-12-2029	31-12-2033	STK OI DS	Analysis
CTE-N08	DME Ground Infrastructure optimisation	31-12-2019	31-12-2023	STK OI DS PCP ⚙️	Analysis
CTE-N08c	Modern DME Transponder	31-12-2021	31-12-2030	STK OI EN	Analysis
CTE-N09	ILS (Instrument Landing System)	-	-	STK OI EN ⚙️	Analysis
CTE-N10	Microwave Landing System (MLS)	-	-	STK OI EN ⚙️	Analysis
CTE-N11	NDB Decommissioning	31-12-2020	31-12-2024	STK OI ⚙️	Analysis
CTE-N12	VOR/DME MON (Minimum Operational Network)	31-12-2020	31-12-2024	STK OI	Analysis
CTE-N13a	A-PNT (Alternative Positioning Navigation and Timing)	31-12-2029	31-12-2033	STK OI EN	Analysis
CTE-N14	Rationalisation of approach and landing systems	31-12-2020	31-12-2024	STK OI	Analysis
CTE-NGOV01	Ground Navaids Optimisation/Rationalisation Plans	-	-	STK OI	Analysis
CTE-S01	Secondary SUR Radars	31-12-2006	31-12-2010	STK OI EN DS ⚙️	Analysis
CTE-S01a	SSR Mode A/C/S	31-12-2006	31-12-2010	STK OI EN DS ⚙️	Analysis
CTE-S02	Primary SUR sensor	31-10-2010	31-10-2014	STK OI DS ⚙️	Analysis
CTE-S02a	Primary Surveillance Radar	31-10-2010	31-10-2014	STK OI EN DS ⚙️	Analysis
CTE-S02b	Surface Movement Radar	31-12-2007	31-12-2011	STK OI EN ⚙️	Analysis
CTE-S02c	Multi Static Primary Surveillance Radar	31-12-2024	31-12-2028	STK OI EN DS ⚙️	Analysis
CTE-S02d	Video Based Surveillance	-	-	STK OI EN DS ⚙️	Analysis
CTE-S03	ADS-B Receiving Station	31-12-2008	31-12-2012	STK OI EN DS ⚙️	Analysis
CTE-S03a	ADS-B station for NRA surveillance	31-12-2008	31-12-2012	STK OI EN DS ⚙️	Analysis

Code	Title	IOC	FOC	Related Elements	Analysis
CTE-S03b	ADS-B station for RAD and APT surveillance	31-12-2020	31-12-2024	STK OI EN DS ⚙️	Analysis
CTE-S03c	New ADS-B station for future ADS-B applications	31-12-2024	31-12-2028	STK OI EN DS ⚙️	Analysis
CTE-S03d	Satellite based ADS-B technology	31-12-2024	31-12-2028	STK OI EN DS ⚙️	Analysis
CTE-S03e	ADS-B transmitter for vehicles	31-12-2008	31-12-2012	STK OI EN	Analysis
CTE-S03f	New ADS-B receiver for vehicles	31-12-2008	31-12-2012	STK OI EN DS ⚙️	Analysis
CTE-S03g	ACAS monitoring technology	31-12-2020	31-12-2024	STK OI	Analysis
CTE-S04	Multilateration ground System	31-12-2010	31-12-2014	STK OI DS ⚙️	Analysis
CTE-S04a	Wide Area Multilateration (WAM)	31-12-2007	31-12-2011	STK OI EN DS ⚙️	Analysis
CTE-S04b	Airport Multilateration (MLAT)	31-12-2007	31-12-2011	STK OI EN DS ⚙️	Analysis
CTE-S05	Gradual rationalisation of conventional surveillance infrastructure (ADS-B/WAM vs SSR and MSPSR vs PSR)	12-09-2018	12-09-2022	STK OI EN ⚙️	Analysis
CTE-S06	Composite Surveillance	-	-	STK OI EN DS	Analysis
CTE-S07	Surveillance Performance Monitoring Tools	08-06-2030	08-06-2034	STK OI EN DS	Analysis
CTE-S07a	Coop sensor SPM Tool ⚡ ER & TMA	08-06-2030	08-06-2034	STK OI EN DS	Analysis
CTE-S07b	Coop sensor SPM Tool ⚡ Surface	08-06-2030	08-06-2034	STK OI EN DS	Analysis
CTE-S07d	Non-Coop sensor SPM Tool ⚡ Surface	08-06-2030	08-06-2034	STK OI EN DS	Analysis
CTE-S07e	SUR Chain SPM Tool ⚡ ER & TMA	08-06-2030	08-06-2034	STK OI DS	Analysis
ENV-05	Guidance for community relations at airports	31-12-2008	-	OI DS	Analysis
ENV-06	Central environmental guidance web-portal	31-12-2008	-	OI DS	Analysis
ENV-07	(Local) monitoring of environmental performance	31-12-2008	-	OI DS	Analysis
ER APP ATC 10	Mission Trajectory including airspace reservations integrated in ATC systems	31-12-2027	31-12-2032	STK OI	Analysis
ER APP ATC 14	Enhance Short Term Conflict Alert (STCA) to use Downlinked Aircraft Parameters	31-12-2015	31-12-2027	STK OI EN DS	Analysis
ER APP ATC 15	Flight Data Processing: support Dynamic Sectorisation and Dynamic Constraint Management.	-	-	STK OI DS PCP	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	31-12-2023	STK OI DS PCP	Analysis
ER APP ATC 68	Enable Controller workstation to indicate when aircraft systems indicates an RA occurrence.	31-12-2019	31-12-2023	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 75	Enhance FDP for Direct Route and Free Route Operations	31-12-2016	31-12-2020	STK OI DS PCP	Analysis
ER APP ATC 76	Enable systems to differentiate between different traffic type airspaces.	31-12-2020	31-12-2024	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	31-12-2023	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	31-12-2030	STK OI DS PCP	Analysis
ER APP ATC 80	Enable ATC System to Use Dynamically-Defined Airspace Reservations	31-12-2027	31-12-2031	STK OI EN DS	Analysis
ER APP ATC 82	Enhance EN/APP ACC to use eFPL data	31-12-2026	31-12-2030	STK OI EN DS	Analysis

Code	Title	IOC	FOC	Related Elements	Analysis
ER APP ATC 82b	Enhance FDP to process iSMT/iRMT	31-12-2026	31-12-2030	STK OI DS	Analysis
ER APP ATC 86	Enhance FDP to use locally related parts of the 4D trajectory	31-12-2023	31-12-2027	STK	Analysis
ER APP ATC 90	Enable En-Route and Approach ATC sub-systems to manage 4D contracts	31-12-2025	31-12-2029	STK OI	Analysis
ER APP ATC 91	Enable En-Route and Approach ATC sub-system to manage 3D precision trajectory clearances	31-12-2025	31-12-2029	STK OI	Analysis
ER APP ATC 93	Enhance Resource Management and Planning Tools to use Traffic Complexity Assessment.	31-12-2019	31-12-2023	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	30-09-2030	STK OI DS	Analysis
ER APP ATC 100	4D Trajectory Management by Synchronization of Air and Ground Trajectories through EPP	31-12-2022	31-12-2024	STK OI DS PCP	Analysis
ER APP ATC 101	4D Trajectory Management to support the RBT (Reference Business Trajectory) revision process	31-12-2027	31-12-2031	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	31-12-2028	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	09-12-2030	STK OI EN DS	Analysis
ER APP ATC 104b	Adapt Controller Conflict Detection and Resolution Tools to Use Enhanced Trajectory Prediction	30-12-2029	30-12-2033	STK OI DS	Analysis
ER APP ATC 104c	Adapt Controller Conformance Monitoring Tools to Use Enhanced Ground-Based Trajectory Prediction	09-12-2026	09-12-2030	STK OI DS	Analysis
ER APP ATC 104d	Adapt Controller Conformance Monitoring Tools to Use Enhanced Trajectory Prediction	30-12-2029	30-12-2033	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	31-12-2026	STK OI DS	Analysis
ER APP ATC 111	Enhance AMAN to provide arrival sequence time information into En-Route decision making.	-	-	OI EN	Analysis
ER APP ATC 119	Air/Ground Datalink Communication/Protocols for i4D and Controlled Time of Arrival	31-12-2022	31-12-2026	STK OI EN DS PCP	Analysis
ER APP ATC 120	Enhance Conflict Detection and Resolution to Use the RBT/RMT	31-12-2023	31-12-2027	STK OI DS	Analysis
ER APP ATC 121	Management and Delivery of Pre-Defined 2D RNP Clearances	31-12-2021	31-12-2025	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	31-12-2031	STK OI	Analysis
ER APP ATC 124	Basic Resource Management and Planning Tools.	-	-	OI	Analysis
ER APP ATC 125	Management and Delivery of 2D RNP Clearances	31-12-2028	31-12-2032	STK OI EN DS	Analysis
ER APP ATC 128	Introduce Basic AMAN	15-05-2019	15-05-2023	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 130	Upgrade FDP and provide Controller Tools to provide Controller with warnings if aircraft deviate from a clearance or plan	-	-	OI EN DS	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	31-12-2031	STK OI DS	Analysis
ER APP ATC 133	Upgrade Ground Safety Nets to provide Area Penetration Warning (APW), Minimum Safe Altitude Warning (MSAW) and Approach Path Monitoring to Controller Workstations.	-	-	OI	Analysis
ER APP ATC 137	Enhance Safety Nets to use ADS-B information	-	-	STK OI	Analysis
ER APP ATC 140	Enhance Controller Tools to Support Delegated ASAS Separation in a Mixed Mode control environment.	31-12-2037	31-12-2041	STK OI	Analysis
ER APP ATC 143	Upgrade of ATC System to handle Improved OAT Flight Plan	31-12-2024	31-12-2028	STK OI EN DS	Analysis

Code	Title	IOC	FOC	Related Elements	Analysis
ER APP ATC 145	Controllers HMI able to identify and indicate the flights authorised to maintain self separation.	31-12-2037	31-12-2041	STK OI	Analysis
ER APP ATC 146	Approach ATC subsystem to verify self-adjustment of spacing as a safety net	-	-		Analysis
ER APP ATC 149a	Air-Ground Datalink Exchange to Support i4D - Extended Projected Profile (EPP)	31-12-2022	31-12-2024	STK OI EN DS PCP	Analysis
ER APP ATC 149b	Air-Ground Datalink Exchange to Support i4D - ETA min/max	31-12-2022	31-12-2026	STK OI EN DS	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 150	CPDLC messages in support of trajectory management (e.g. TC-SA)	-	-		Analysis
ER APP ATC 160	ATC to ATC Flight Data Exchange Using The Flight Object	31-12-2023	31-12-2027	STK OI EN DS PCP	Analysis
ER APP ATC 162	ATC Flight Data Exchange with NM Using the Flight Object	31-12-2024	31-12-2028	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	31-12-2016	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	31-12-2030	STK OI EN DS	Analysis
ER APP ATC 168	Enable ATC System to manage improved OAT flight plans with inherent ARES information (reservation restrictions) in accordance with VPA design principle.	31-12-2026	31-12-2030	STK OI DS	Analysis
ER APP ATC 169	ATC System Support to Permit a Single Planner Role Associated to Single Person Operations	31-12-2028	31-12-2032	STK OI	Analysis
ER APP ATC 170	ATC LOA Status Update	31-12-2026	31-12-2030	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	31-12-2032	STK ⚙️	Analysis
ER APP ATC 172	Upgraded En-route and Approach STCA safety-net using DAPs via Mode-S information	31-12-2028	31-12-2032	STK ⚙️	Analysis
ER APP ATC 173	ATC System Support to Collaboration between Controller Teams for Flexible Bypassing of Initial Planned Profiles	31-12-2027	31-12-2031	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	31-12-2033	STK OI DS	Analysis
ER APP ATC 180	Controller productivity enhancements by Automatic Speech Recognition at the ER/APP CWP/HMI	31-12-2029	31-12-2033	STK OI DS	Analysis
ER APP ATC 181	Controller productivity enhancements by Multi-Touch Input at the ER/APP CWP/HMI	31-12-2029	31-12-2033	STK OI DS	Analysis
ER APP ATC 182	Controller productivity enhancements by Attention Guidance at the CWP/HMI	31-12-2029	31-12-2033	STK OI DS	Analysis
ER APP ATC 183	Controller productivity enhancements by User Profile Management at the ER/APP CWP/HMI	31-12-2029	31-12-2033	STK OI DS	Analysis
ER APP ATC 184	ATM Data Service Provider for ATC services in a Virtual Centre context	31-12-2029	31-12-2033	STK OI DS	Analysis
ER APP ATC 185	ATM Data Service Provider for Voice services in a Virtual Centre context	31-12-2029	31-12-2033	STK OI DS	Analysis
ER APP ATC 186	Virtual Centre ATSU	31-12-2029	31-12-2033	STK OI DS	Analysis
ER ATC 91	ATC System Support for Advanced Conformance Monitoring in En-route Airspace	31-12-2016	31-12-2020	STK OI DS PCP	Analysis
ER ATC 92	ATC tools to re-organize traffic flows to reduce complexity in the planning phase	31-12-2023	31-12-2027	STK OI EN DS	Analysis
ER ATC 94	ATC tools in support of RNP (e.g. RNP1, A-RNP) for En-Route	31-12-2024	31-12-2028	STK OI EN	Analysis
ER ATC 95	ATC System Support to Permit a Single Planner Role Associated to Two Adjacent Tactical Roles	31-12-2016	31-12-2020	STK OI DS	Analysis
ER ATC 134	Adapt Safety Nets for Support to RNP Operations En-route	31-10-2020	31-10-2024	STK EN	Analysis

Code	Title	IOC	FOC	Related Elements	Analysis
ER ATC 154a	Basic air-ground datalink communications service derived from the CM and CPDLC applications	-	-	STK OI EN	Analysis
ER ATC 154b	Enhance En-route ATC sub-systems (internal processing, FDP and Controller Workstation) to enable CPDLC dialog with Pilot	31-12-2011	31-12-2015	STK OI	Analysis
ER ATC 157	Enhanced ATC System Support to the Tactical Controller for Conflict Detection and Resolution in En-Route	-	-	STK OI EN DS	Analysis
ER ATC 157b	Enhanced ATC System Support the Planning Activity for Conflict Detection and Resolution in En-Route	31-12-2030	31-12-2034	STK OI DS	Analysis
ER ATC 158	Enroute ATC System Share and Display Sequencing Advisories from Multiple AMANs	31-12-2028	31-12-2032	STK OI DS	Analysis
ER ATC 163	Support to En-route delay absorption for cross-border implementation of arrival sequence	31-12-2021	31-12-2025	STK OI DS PCP	Analysis
ER ATC 164	ATC tools to re-organize traffic flows to reduce complexity in the execution phase	31-12-2023	31-12-2027	STK OI DS	Analysis
FCM-01	Community Specifications for Initial Flight Plan Management (Including CFMU)	04-12-2007	-		Analysis
FOC-002	Assessment of real time ASM data	31-03-2028	31-03-2034	STK OI DS	Analysis
FOC-003	FOC capabilities to support advanced RNP operations	-	-	STK	Analysis
FOC-004	Optimised climb and descents path calculation in FOC	-	-	STK	Analysis
FOC-005	FOC capabilities to participate in UDPP	-	-	STK	Analysis
FOC-006	FOC flight lifecycle monitoring and situational awareness capabilities	-	-	STK OI DS	Analysis
FOC-007	Improved flight crew briefing through integration of digital data	31-12-2019	-	STK OI	Analysis
FOC-007a	FIS/TIS Data Processing Unit	31-12-2026	31-12-2032	STK OI DS	Analysis
FOC-008	Processing of ADD information for flight monitoring purposes	31-12-2022	-	STK OI	Analysis
FOC-009	Improved trajectory planning through consideration of ground operation milestones and actual taxi time.	31-12-2020	-	STK OI DS	Analysis
GGSWIM-10c	SWIM Supervision for Step3	31-12-2027	31-12-2031	OI DS	Analysis
GGSWIM-11	ATM Information based on a common Aeronautical Information Exchange Model (AIXM)	31-12-2012	31-12-2016	STK OI	Analysis
GGSWIM-51c	SWIM Ground-ground messaging services in Step3	31-12-2027	31-12-2031	OI DS	Analysis
GGSWIM-52	Provision and use of ground-ground data communications services for aeronautical information- EAD	-	-	OI	Analysis
GGSWIM-53	A common Aeronautical Information Conceptual Model (AICM)	31-12-2012	31-12-2016	STK OI	Analysis
GSURV-0101	Surveillance Performance and Interoperability (SPI) Implementing Rule	22-11-2011	-	EN	Analysis
GSURV-0113	EUROCAE ED142 for 1090ES Wide Area Multilateration specifications	31-12-2009	-	EN 	Analysis
GSURV-STD-01	New Standard for Ground Doppler X-Band Radar specifications	31-12-2014	-		Analysis
GSURV-STD-02	New Standard for Ground Based Doppler Lidar specifications	31-12-2014	-		Analysis
HUM-002	Human factors flight crews - Interval Management	31-12-2028	31-12-2029	STK OI DS 	Analysis
HUM-003	Human factors ATCOs - Interval Management	31-12-2028	31-12-2029	STK OI DS 	Analysis
HUM-004	New staffing configuration / Extended ATC Planner in en-route	31-12-2016	31-12-2020	STK OI DS 	Analysis
HUM-005	New staffing configuration/ Single Person Operation	31-12-2028	31-12-2029	STK OI 	Analysis
HUM-006	New staffing configuration/ Multi Sector Planner in TMA/eTMA	30-09-2026	30-09-2030	STK OI DS 	Analysis
HUM-007	New communication and interaction patterns between stakeholders of airport operations linked to collaborative rolling AOP/NOP management.	31-12-2019	31-12-2023	STK OI DS PCP 	Analysis
HUM-008	Role of APOC supervisor	31-12-2027	31-12-2028	STK OI DS 	Analysis
HUM-009	New role of APOC representative from Airport Operator	31-12-2023	31-12-2027	STK OI DS 	Analysis
HUM-010	New role of APOC representative from Ground Handling Agent	-	-	STK OI DS 	Analysis
HUM-011	New role of APOC representative from Airspace User	31-12-2023	31-12-2027	STK OI DS 	Analysis

Code	Title	IOC	FOC	Related Elements	Analysis
HUM-012	New role of APOC representative from ANSP	31-12-2023	31-12-2027	STK OI DS	Analysis
HUM-013	Tasks transfer from AOP stakeholders to APAMS	31-12-2023	31-12-2027	STK OI	Analysis
HUM-014	New interactions and communication patterns for the integration of landside process outputs into the A-CDM process.	31-12-2023	31-12-2027	STK OI DS	Analysis
HUM-015	New working methods for the integration of landside process outputs into the A-CDM process.	31-12-2023	31-12-2027	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	31-12-2026	STK OI DS	Analysis
HUM-017	New working methods for operation within FC-ATC Environment	-	-	STK OI DS	Analysis
HUM-018	New staffing configuration/ Multi Sector Planning in En-Route	30-09-2026	30-09-2027	STK OI DS	Analysis
HUM-019	New task to analyse the DCB impact and decide on the next action for the flight plan	31-12-2027	31-12-2028	STK OI DS	Analysis
HUM-020	MET Observer	31-10-2029	31-10-2030	STK OI DS	Analysis
HUM-TS-0305	Initial training, competence and/or adaptation of new/active operational staff for the application and use of the enhancements and improvements included of the OI Step Arrival Management Extended to En-Route Airspace	-	-	OI	Analysis
METEO-03	Provision and monitoring of real-time airport weather information (PCP)	01-07-2022	01-07-2026	STK OI EN DS PCP	Analysis
METEO-03c	Provision and monitoring of real-time airport weather information for time-based separation and curved approaches	31-12-2026	31-12-2030	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	01-07-2026	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	31-12-2030	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	01-07-2026	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	31-12-2032	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
METEO-06b	Generate and provide MET information relevant for Network related operations (PCP)	01-07-2022	01-07-2026	STK OI EN DS PCP	Analysis
METEO-06c	Generate and provide Meteorological information relevant at short notice ('time to decision' between 3 minutes and 7days)	31-12-2026	31-12-2030	STK OI EN DS	Analysis
METEO-07c	Integrated system of infrared and visual cameras to enable automatic detection of LVC	31-10-2029	31-10-2033	STK OI EN DS	Analysis
METEO-08b	All-weather remote sensing of high resolution 3D aerodrome wind field	31-12-2022	31-12-2026	STK OI EN DS PCP	Analysis
METEO-08c	Integrated system of 3D scanning Doppler X-Band radar and long range Doppler lidar for all-weather wind monitoring	31-10-2029	31-10-2033	STK OI EN DS	Analysis
METEO-10a	VIS Camera for visibility measurement and cloud monitoring	31-10-2029	31-10-2033	STK OI DS	Analysis
METEO-10b	IR Camera for cloud monitoring	31-10-2029	31-10-2033	STK OI DS	Analysis

Code	Title	IOC	FOC	Related Elements	Analysis
METEO-11a	Wind monitoring in wet conditions using data from Doppler Weather Radar	31-10-2029	31-10-2033	STK OI DS	Analysis
METEO-11b	Wind monitoring in dry conditions using data from Scanning Doppler Lidar	31-10-2029	31-10-2033	STK OI DS	Analysis
METEO-12a	Compile data for METForTAM service	31-10-2029	31-10-2033	STK OI EN DS	Analysis
METEO-12b	Compile data for METForWTS service	31-10-2029	31-10-2033	STK OI EN DS	Analysis
MIL-0103	Wing Operations Centre Mission Support System (including update/revision) of iMT	31-12-2027	31-12-2033	STK OI DS	Analysis
MIL-0104	Input of meteo data into the Wing Operations Centre Mission Support System	31-12-2029	31-12-2033	STK OI ⚙️	Analysis
MIL-0105	CDM data integrated into the Wing Operations Centre Mission Support System	31-12-2027	31-12-2033	STK OI	Analysis
MIL-0106	Wing Operations Centre Mission Support System enhanced to support the CDM process	31-12-2027	31-12-2033	STK OI DS	Analysis
MIL-0107	Wing Operations Centre Mission Support System (including update/revision) of MT in Trajectory Based Operations environment	31-12-2029	31-12-2033	STK OI	Analysis
MIL-0108	Exchange of specific MT data (ARES description) in standard format	31-12-2027	31-12-2033	STK OI	Analysis
MIL-0501	Specifications for the interoperability of military ground systems with SWIM	-	-	STK OI DS PCP	Analysis
MIL-0502	Upgrade of military ground systems to allow bi-directional exchanges with non-military IP networks	31-12-2020	31-12-2025	STK OI EN DS PCP	Analysis
MIL-0703	Migrate military systems wave forms to software defined radio solutions [link 16 to JTRS]	-	-	STK OI	Analysis
MIL-0704	Standard interface for multi-link environment integrating military aircraft	31-12-2023	-	STK OI	Analysis
MIL-STD-01	Trajectory management and improved navigation	-	-	STK OI DS PCP	Analysis
MIL-STD-02	Vertical navigation for fighter aircraft	-	-	STK OI DS PCP	Analysis
MIL-STD-03	Update of IFPS User Manual to include OAT Specificities in the Flight Plan (Improved OAT flight plan)	-	-	STK OI DS 📄	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	31-12-2015	STK OI EN	Analysis
NIMS-03	Reception of DPI messages	31-12-2017	31-12-2029	STK OI EN DS	Analysis
NIMS-04	ATFCM capacity planning sub-system enhanced to take into account dynamic sector shapes	31-12-2026	31-12-2026	STK OI DS	Analysis
NIMS-06	Network information management system equipped with post-analysis tools for airport traffic	31-12-2017	31-12-2021	STK OI	Analysis
NIMS-08	strategic and pre-tactical demand-capacity balancing evaluation, simulation and display tools	-	-	STK OI	Analysis
NIMS-09	Capacity planning and scenario management equipped with tool to assess the impact of requested flight level changes	31-12-2027	31-12-2031	STK OI DS	Analysis
NIMS-10	Capacity planning and scenario management equipped with sector management tool to assist ATCCs in defining sector configurations	31-12-2006	31-12-2010	STK OI	Analysis
NIMS-12	Demand Capacity Balancing equipped with a tool to identify and arbitrate multiple imbalance and hotspots	30-08-2026	30-08-2030	STK OI DS	Analysis
NIMS-13a	Capacity planning and scenario management equipped with tools to identify the possible re-routed flights/flows providing the best benefits	31-12-2010	31-12-2014	STK OI	Analysis
NIMS-13b	Enhanced short term ATFM measures (STAM)	31-12-2019	31-12-2023	STK OI DS PCP	Analysis
NIMS-13c	Full regional support of dDCB	01-04-2023	01-04-2027	STK OI DS	Analysis
NIMS-14a	Demand Data Repository Phase I	31-12-2007	31-12-2011	STK OI EN	Analysis
NIMS-14b	Demand Data Repository Phase II	31-12-2014	31-12-2018	STK OI EN DS PCP	Analysis
NIMS-14c	Demand Data Repository Phase III	31-12-2027	31-12-2031	STK OI EN	Analysis
NIMS-17	Provide assistance to flight planning	30-01-2009	30-01-2013	STK OI	Analysis

Code	Title	IOC	FOC	Related Elements	Analysis
NIMS-18	Flight Planning management sub-system enhanced to use the latest airspace information	30-01-2006	31-12-2010	STK OI	Analysis
NIMS-19	Flight Planning management sub-system enhanced for AFUA	31-12-2023	31-12-2027	STK OI	Analysis
NIMS-20	Provision, reception and processing of ATFCM flight progress messages	31-12-2011	31-12-2015	STK OI	Analysis
NIMS-21a	Initial Flight Planning management enhanced to support 4D for Step 1	31-12-2016	31-12-2020	STK OI EN DS PCP	Analysis
NIMS-21b	Flight Planning extended with eFPL Distribution service	01-07-2022	01-07-2022	STK OI EN DS	Analysis
NIMS-22	Enhanced performance management sub-system	31-12-2018	31-12-2022	STK OI DS	Analysis
NIMS-23	Capacity planning and scenario management equipped with tools integrating SB/MT information, to assist ATS in optimising the use of airport and airspace usable capacity	01-04-2023	01-04-2027	STK OI DS	Analysis
NIMS-25	Integration of Airport CDM data into Network DCB sub-system	01-07-2022	01-07-2027	STK OI DS PCP	Analysis
NIMS-27	Network DCB sub-system enhanced with improved accuracy of processing real-time data	31-12-2019	31-12-2023	STK OI DS PCP	Analysis
NIMS-29	Network DCB sub-system enhanced for Network Operations Plan (NOP) preparation and dissemination	31-12-2010	31-12-2014	STK OI DS PCP	Analysis
NIMS-30	ATFCM scenario management equipped with tools for assessing the impact of DAC and capacity changes on trajectory efficiency	31-12-2023	31-12-2027	STK OI DS	Analysis
NIMS-31	B2B (Business to Business) Web Services - Flight Plan filing and management	31-12-2011	31-12-2015	STK OI	Analysis
NIMS-32	B2B (Business to Business) Web Service eRAD and eAMI	31-12-2011	31-12-2015	STK OI	Analysis
NIMS-33	Dedicated tools supporting Airport Slot Monitoring (e.g. Stanly, AMON)	31-12-2010	31-12-2014	STK OI	Analysis
NIMS-34	Civil-Military performance measurement system	31-12-2011	31-12-2015	STK OI	Analysis
NIMS-35	Flight Planning management sub-system enhanced to process improved OAT flight plans	31-12-2018	31-12-2022	STK OI EN DS	Analysis
NIMS-36	Enhanced Complexity assessment tools	-	-	OI DS	Analysis
NIMS-37	Basic Complexity assessment tools	31-12-2019	31-12-2023	STK OI DS PCP	Analysis
NIMS-38	Calculation and dissemination of the TTO & TTA	31-12-2019	31-12-2023	STK OI DS PCP	Analysis
NIMS-39a	Enhancement of ETFMS	31-12-2017	31-12-2024	STK OI DS	Analysis
NIMS-39b	Enhancement of FOC HMI	31-12-2017	31-12-2025	STK OI DS	Analysis
NIMS-40	Use of FO trajectory and constraints in NM systems	31-12-2019	31-12-2023	STK OI EN DS PCP	Analysis
NIMS-41	NM interface capable to integrate Airport impact assessment	31-12-2021	-	STK OI EN DS	Analysis
NIMS-42	NM systems enhanced to receive, process and display real-time tactical (ASM level III) airspace usage information	31-12-2016	31-12-2020	STK OI EN DS PCP	Analysis
NIMS-43	Enhanced NM systems to process the Flight Object (FO) data related to the NM cluster including STAM, TTA and EFPL information	31-12-2021	31-12-2025	STK OI EN	Analysis
NIMS-44	Evolution of NIMS to support management of UDPP, inclusion of user preferences and priority as part of SBT	31-12-2026	31-12-2032	STK OI DS	Analysis
NIMS-45	Initial Flight Planning management enhanced to support initial Mission Trajectory	31-12-2018	31-12-2022	STK OI DS	Analysis
NIMS-46	Integrated local DCB working position	31-12-2027	31-12-2031	STK OI DS	Analysis
NIMS-48	Integrated Network Working Position (iNWP)	31-12-2027	31-12-2031	STK OI DS	Analysis
NIMS-49	Multiple Constraint Resolver	01-04-2023	01-04-2027	STK OI DS	Analysis
NIMS-50	Dynamic route finding and optimisation tool to enable optimal routes usage in the TMA	31-12-2026	31-12-2026	STK OI DS	Analysis
NIMS-51	NM systems adaption to support the NPR concept	-	-	STK	Analysis
NIMS-52	Enhancement of ETFMS for including airport constraints	31-12-2023	31-12-2024	STK OI DS	Analysis

Code	Title	IOC	FOC	Related Elements	Analysis
NIMS-54	SID, STAR, TT, and Runway Configuration data applied in Initial Flight Plan Processing	31-12-2026	31-12-2026	STK OI DS	Analysis
NIMS-55	Dynamic ATC LOAs Integration in NM trajectory	31-12-2026	31-12-2033	STK OI DS	Analysis
NIMS-56	NM Interface for UDPP Impact assessment	31-08-2024	31-08-2024	STK	Analysis
NIMS-57	Integration of PFP/eFPL processing into Traffic Demand Management	31-12-2024	31-12-2024	STK OI DS	Analysis
PRO-001	FCM Procedures to incorporate information received from multiple sources into the NOP	31-12-2007	31-12-2011	STK OI	Analysis
PRO-002	ATC procedures to manage the incorporation of Engine-off Taxiing into surface operations	-	-	OI	Analysis
PRO-003	FCM Procedures to ensure that all partners are aware of decisions taken	31-12-2007	31-12-2011	STK OI	Analysis
PRO-004	FCM Procedures to ensure that NOP is constantly updated to reflect all changes to the airspace and airspace users planned trajectories	30-01-2009	30-01-2013	STK OI	Analysis
PRO-005	FCM Procedures to modify NOP in real-time in response to tactical changes to trajectories and airport/airspace capacities	31-12-2011	31-12-2015	STK OI	Analysis
PRO-006a	ATC Procedures to standardise phraseology, altitude usage (airport)	-	-	OI	Analysis
PRO-006b	ATC Procedures to standardise phraseology, altitude usage (TMA and En-route)	-	-	OI	Analysis
PRO-007	ATC Procedures to standardise selection of local area altimeter	-	-	OI	Analysis
PRO-008	ATC Procedures to standardise use of QNH (height above sea level) and local elevation	-	-	OI	Analysis
PRO-009	Military Procedures to identify and release previously reserved airspace back to civil aviation	31-12-2008	31-12-2012	OI	Analysis
PRO-010	Procedures to ensure that all actors involved in the airspace reservations are well aware about the real status of airspace availability and subsequent changes	-	-	OI	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	31-12-2023	STK OI DS PCP	Analysis
PRO-014	Procedures harmonised at pan-European level for the management of the Improved OAT FPL (flight plan filing, validation, acceptance and distribution)	31-12-2023	31-12-2027	STK OI DS	Analysis
PRO-015	Harmonised ATC Procedures for providing a standardized service to OAT flights at pan-European level	31-12-2023	31-12-2027	STK OI DS	Analysis
PRO-016	ASM Procedures for the design and promulgation of sectors and sector families based upon traffic patterns	31-12-2007	31-12-2011	STK OI	Analysis
PRO-017	FCM Procedures to assist the Airspace User in selection of the most optimal trajectory	31-12-2011	31-12-2015	STK OI	Analysis
PRO-021	ATC Procedures to facilitate the design and utilization of more noise sensitive and efficient SID/STAR routings including CDA and to integrate P-RNAV or RNAV with APV/Baro VNAV capabilities into the TMA route structure	-	-	OI DS	Analysis
PRO-022	FCM procedures for collaborating on SBT changes with Airspace Users	31-12-2019	31-12-2023	STK OI DS PCP	Analysis
PRO-024	ASM Procedures related to real-time (tactical) ASM level III information exchange	31-12-2019	31-12-2023	STK OI DS PCP	Analysis
PRO-026	FCM Procedures for the selection of the most appropriate sector configuration based upon demand/capacity	31-12-2006	-	OI	Analysis
PRO-027	Procedures for ground-ground coordination in case of Trajectory Revision	31-12-2017	31-12-2021	STK	Analysis
PRO-028	Procedures to support AOP-NOP collaborative process	31-12-2019	31-12-2023	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	01-07-2021	STK OI DS	Analysis
PRO-030	Procedure to allow ARES reservation from country A to country B	-	-	STK OI	Analysis
PRO-032	FCM Procedures to respond to predictable but non-nominal events	-	-	OI	Analysis
PRO-033	FCM Procedures for systematically incorporating changes to capacity balance as revised information updates the NOP	31-12-2007	31-12-2011	STK OI	Analysis

Code	Title	IOC	FOC	Related Elements	Analysis
PRO-034	FCM Procedures for ensuring all concerned partners are notified about pending changes to the NOP	31-12-2007	31-12-2011	STK OI	Analysis
PRO-035	FCM Procedures for on-line access/update to the NOP and notification of updates	31-12-2009	31-12-2013	STK OI	Analysis
PRO-036	FCM Procedures for approval of slot swaps and updating the effected trajectories	31-12-2007	31-12-2011	STK OI	Analysis
PRO-037	Airline Operational Procedures for assessing the potential benefits to be achieved through a specific slot exchange	31-12-2007	31-12-2011	STK OI	Analysis
PRO-038	FCM Procedures to enable application of flow management techniques on traffic streams closer to real-time	31-12-2011	31-12-2015	STK OI	Analysis
PRO-039	FCM Procedures for identifying the appropriate scenario from the catalogue of scenarios and initiating its implementation	31-12-2007	31-12-2011	STK OI	Analysis
PRO-040	FCM Procedures for initiating dynamic sectorisation responses in collaboration with the ANSP	31-12-2007	31-12-2011	STK OI	Analysis
PRO-041	FCM Procedures for ameliorating the consequences of a critical event developed in collaboration with the ANSP partners	31-12-2012	31-12-2016	STK OI	Analysis
PRO-042a	ATC Contingency Procedures (En-route and TMA) for ameliorating the consequences of a critical event as well as Procedures for coordinating with operators affected including any adjustments to priority rules	-	-	OI	Analysis
PRO-042b	ATC Contingency Procedures (Airport) for ameliorating the consequences of a critical event as well as Procedures for coordinating with operators affected including any adjustments to priority rules	31-12-2012	31-12-2016	STK OI	Analysis
PRO-044b	ATC Procedures involving protocol for utilization of DataLink communications, message composition, receipt acknowledgement	-	-	OI	Analysis
PRO-046b	ATC Procedures for Using Advanced System Assistance to Medium Term Conflict Detection and Resolution	-	-	OI DS	Analysis
PRO-048	ATC Procedures to implement screen to screen coordination for transfer of control conditions	-	-	OI DS	Analysis
PRO-049	ATC Procedures to make use of AMAN tool including assigning responsibility for issuing times	-	-	OI DS	Analysis
PRO-050	ATC Procedures to increase the use of CDA during busier time periods using AMAN information	-	-	OI DS	Analysis
PRO-052	ATC Procedures for extending sequencing for TMA into the en-route sectors	-	-	OI	Analysis
PRO-054a	Operational procedures for separation management in En-Route using RNP specifications	-	-	STK OI	Analysis
PRO-058	ATC Procedures for identifying applicable circumstances and implementing a 'climb through' in oceanic or non-radar environment	-	-	OI	Analysis
PRO-059	ATC Procedures to provide a systematic and common response to ground based Safety Net alerts	-	-	OI	Analysis
PRO-060	ATC Procedures to provide a common response to down linked airborne TCAS/ACAS alerts	-	-	OI EN DS	Analysis
PRO-062b	Airport Operational Procedures implementing Best Practices for Prevention of Runway Incursions	31-12-2007	31-12-2011	STK OI	Analysis
PRO-062c	Airline Operational Procedures implementing Best Practices for Prevention of Runway Incursions	31-12-2007	31-12-2011	STK OI	Analysis
PRO-066a	ATC Procedures to apply new flexibility in application of wake turbulence standards	-	-	OI	Analysis
PRO-066b	ATC Procedures for using time-based separations on approaches	-	-	OI	Analysis
PRO-067	ATC Procedures for optimising operations on dependent parallel runways	-	-	OI	Analysis
PRO-069b	ATC Approach Procedures with reduced ILS sensitive / critical areas	-	-	OI	Analysis
PRO-069c	ATC Approach Procedures using MLS	-	-	OI	Analysis
PRO-073	Airport Procedures to maximise throughput of de-icing stands	26-06-2010	26-06-2014	STK OI EN	Analysis

Code	Title	IOC	FOC	Related Elements	Analysis
PRO-073a	Procedures to optimise the de-icing process within the constraints of the operational schedule, the optimal runway use and the local de-icing capacity.	31-12-2022	31-12-2026	STK OI EN DS	Analysis
PRO-075	Airport infrastructure and procedures governing de-icing to isolate surface water systems, collect and dispose of run-off, use the least harmful chemical, reduce the quantities required, reduce delays and increase recovered volumes of fluid	31-12-2008	31-12-2012	STK OI	Analysis
PRO-076	Procedures for the iSMT in the CDM process	-	-	STK OI DS	Analysis
PRO-077	Procedures facilitating iRMT management	31-12-2015	-	STK OI DS	Analysis
PRO-078	Procedures facilitating iRMT management in Trajectory Based Operations environment	-	-	STK OI	Analysis
PRO-079	Procedures for the calculation of trajectory profile and ARES geographical location taking MET data into account	-	-	STK OI	Analysis
PRO-080	Procedures for Wing Operations Centre input into DCB	-	-	STK OI	Analysis
PRO-082	ASM procedures for the promulgation, system delineation and acknowledgement of receipt of the information change	-	-	OI	Analysis
PRO-085	ATC procedures to cover issues such as hand-off, transfer of control, and for defining trajectory changes necessitated by changes in airspace availability, weather constraints and other non-nominal events	-	-	OI DS PCP	Analysis
PRO-092	FCM procedures for communicating refined plans to ANSP, Airspace Users and Airport Operators	31-12-2007	31-12-2011	STK OI	Analysis
PRO-095	Airline Operational Procedures for modifying RBT/ATV including agreed TTA to accommodate selected priorities	-	-	STK OI DS	Analysis
PRO-096	Airline Operational Procedures for modifying SBT/ATV including agreed TTA to accommodate selected priorities	-	-	STK OI DS	Analysis
PRO-098	FCM Procedures for optimising network usage and identifying opportunities for traffic smoothing	-	-	OI DS	Analysis
PRO-100	FCM procedures to allocate, monitor and update 4D targets for ATFCM purposes	-	-	STK OI DS	Analysis
PRO-106b	Joint ATC/Cockpit Procedures for distinguishing between clearances, instructions, and proposed trajectory modifications (open to negotiation)	-	-		Analysis
PRO-110	ATC Procedures identifying what constitutes a non-nominal situation	-	-		Analysis
PRO-111	ATC Procedures identifying non-nominal transfer of control/communication process	-	-		Analysis
PRO-112	ATC Procedures identifying normal transfer of control, transfer of communication points	-	-		Analysis
PRO-113	ATC Procedures identifying trajectory validation/target confirmation process	-	-		Analysis
PRO-117	ATC Communication Procedures governing use of R/T and Data Link	-	-		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-128c	ATC Procedures to prepare, issue and monitor Precision Trajectory Clearances (PTC) 3D	-	-	OI	Analysis
PRO-129	ATC Procedures for assessing, approving and monitoring ASAS Cooperative Separation Applications	-	-	OI	Analysis
PRO-130	ATC Procedures to assess the validity and safety of the proposed transfer of responsibilities	-	-	OI	Analysis
PRO-131	ATC Procedures for recovery of responsibility and re-establishment of safe separation minima if required	-	-	OI	Analysis
PRO-135	ATC Procedures for validating and reacting to safety net warnings and modifying a/c trajectories in response	-	-	OI	Analysis
PRO-137	Airport Operations Procedures for vehicle drivers for systematic, standard response to safety alerts	31-12-2016	31-12-2020	STK OI	Analysis
PRO-139	ATC Procedures (Airport) for standardised response to runway incursion alerts	-	-	OI	Analysis











Code	Title	IOC	FOC	Related Elements	Analysis
PRO-146	ASM Procedures for agreeing and promulgating information on Mobile Exclusion Areas	-	-	OI	Analysis
PRO-148	ASM Procedures for identifying and promulgating 'Free Route' areas	-	-		Analysis
PRO-155	FCM Procedures for assessing demand/capacity vs. resources available based upon flexible airspace configurations	31-12-2023	31-12-2027	STK OI	Analysis
PRO-158	ATC Procedures with respect to the transfer of areas of responsibility based upon traffic needs rather than geography	-	-	OI	Analysis
PRO-159	ATC Procedures for shared airspaces harmonised between two agencies responsible	-	-	OI	Analysis
PRO-160	ATC Procedures for applying separation standards in support of 3D and 4D trajectories	-	-	OI	Analysis
PRO-161	ATC Procedures for utilizing vertical containment applications	-	-	OI	Analysis
PRO-174	ATC Procedures for responding to alerts when aircraft is responsible for separation	-	-	OI	Analysis
PRO-181	Procedures related to Rule on OAT handling and OAT-IFR GAT interface	-	-	OI	Analysis
PRO-182	Simulation Procedures Linked to Proactive Capacity Management	31-12-2007	31-12-2011	STK OI	Analysis
PRO-183	FCM Optimisation Procedures	31-12-2008	31-12-2012	STK OI	Analysis
PRO-184	ASM Procedures related to Dynamic co-operative management of the airspace	31-12-2008	31-12-2012	STK OI	Analysis
PRO-185	FUA Procedures	31-12-2007	31-12-2011	STK OI	Analysis
PRO-186	ATC Procedures for Low Visibility RWY Operations	-	-	OI	Analysis
PRO-188	ATC Procedures (Communications) linked to Optimisation of Airport Operations in All Weather Conditions	-	-	OI	Analysis
PRO-190	ATC Procedures for Managing Environmental Noise Capacity	31-12-2008	31-12-2012	STK OI	Analysis
PRO-191	FCM Procedures related to adaptation of sector design for variation of Traffic Flows	31-12-2007	31-12-2011	STK OI	Analysis
PRO-192	Simulation Provision, Data Display and Evaluation Procedures	31-12-2007	31-12-2011	STK OI	Analysis
PRO-201a	Procedures linked to Improvement of Surveillance on the Manoeuvring Area on and around the Runway	31-12-2006	31-12-2010	STK OI	Analysis
PRO-201b	Procedures linked to Improvement of Guidance and Control on the Manoeuvring Area on and around the Runway	30-04-2014	30-04-2018	STK OI	Analysis
PRO-204a	Collaborative Procedures (Airport) for improving Airport Operations in Adverse Conditions	31-12-2007	31-12-2011	STK OI	Analysis
PRO-204b	Collaborative Procedures (ATC) for improving Airport Operations in Adverse Conditions	-	-	OI	Analysis
PRO-204c	Collaborative Procedures (Airlines) for improving Airport Operations in Adverse Conditions	31-12-2007	31-12-2011	STK OI	Analysis
PRO-204d	Collaborative Procedures (FCM) for improving Airport Operations in Adverse Conditions	31-12-2007	31-12-2011	STK OI	Analysis
PRO-213a	CDM information sharing Airport Procedures for turn-around	26-06-2010	26-06-2014	STK OI	Analysis
PRO-213b	CDM information sharing Airline Procedures for turn-around	26-06-2010	26-06-2014	STK OI	Analysis
PRO-214a	Airport CDM Procedures for pre-departure sequencing	26-06-2010	26-06-2014	STK OI PCP	Analysis
PRO-214b	Airline CDM Procedures for pre-departure sequencing	26-06-2010	26-06-2014	STK OI PCP	Analysis
PRO-215a	Airline Procedures Linked to Collaborative Flight Planning	31-12-2011	31-12-2015	STK OI EN	Analysis
PRO-215b	ATC Procedures Linked to Collaborative Flight Planning	31-12-2011	31-12-2015	STK OI	Analysis
PRO-215c	Airport Procedures Linked to Collaborative Flight Planning	31-12-2011	31-12-2015	STK OI	Analysis
PRO-215d	FCM Procedures Linked to Collaborative Flight Planning	31-12-2011	31-12-2015	STK OI	Analysis
PRO-217	Ground-Ground (Procedural) Communications related to Collaborative Flight Planning	31-12-2011	31-12-2015	STK OI	Analysis
PRO-219	ATC Procedures to give priority to SNET alarm	-	-	OI	Analysis

Code	Title	IOC	FOC	Related Elements	Analysis
PRO-220a	ATC Procedures related to Detection and Resolution of Complexity, Density and Traffic Flow Problems	31-12-2019	31-12-2023	STK OI EN DS PCP	Analysis
PRO-220b	FCM procedures to describe how detection and resolution of complexity, density or traffic flow issues are managed.	31-12-2019	31-12-2023	STK OI EN DS PCP	Analysis
PRO-228a	ATC Procedures related to Use of Data Link to Improve Efficiency of Communications	-	-	OI	Analysis
PRO-229	Procedures related to the PRISMIL Data Management policy	-	-	OI	Analysis
PRO-230	ATC procedures for the use of ARES sharing concepts, CBO and CBA	-	-	OI	Analysis
PRO-241	Initial implementation of free routing operation	31-12-2009	31-12-2013	STK OI	Analysis
PRO-242	Procedure for the collection of the Airport slots	31-12-2012	31-12-2016	STK OI	Analysis
PRO-243	Procedure for monitoring and reporting along the IR requirements and the operational needs	31-12-2012	31-12-2016	STK OI	Analysis
PRO-244	EUROCONTROL specification for civil-military data disclosure	-	-	OI	Analysis
PRO-245	ATC Procedures for use of cross border extended Arrival Management	31-12-2021	31-12-2025	STK OI DS PCP	Analysis
PRO-246	Procedures for standardised response to Runway Status Lights	29-04-2021	29-04-2022	STK OI DS	Analysis
PRO-247	FCM Procedures for hotspots information sharing and for CDM process to support STAM coordination and implementation..	31-12-2019	31-12-2023	STK OI DS PCP	Analysis
PRO-249	Procedures Linked to Collaborative Airport Performance Management	31-12-2028	31-12-2029	STK OI EN DS	Analysis
PRO-250	Rotorcraft procedures for IFR access to VFR FATOs	31-12-2020	31-12-2026	STK OI DS	Analysis
PRO-251	ATC Procedure to handle SNI IFR rotorcraft operations using PinS	31-12-2020	31-12-2026	STK OI EN DS	Analysis
PRO-252	Procedure for human intervention to identify TMA congestion and adjust departure flows where required	-	-	STK OI DS	Analysis
PRO-253	APOC Adverse Situation Collaboration Procedure with Remote Airports	-	-	STK	Analysis
PRO-254	ATC procedures to support curved segments for arrival and departure operations, including the use of Geometric Altitude	31-12-2030	31-12-2031	STK OI EN DS	Analysis
PRO-255	Harmonised ATC Procedures for SPO in En Route	31-12-2028	31-12-2029	STK OI	Analysis
PRO-256	Harmonised ATC procedures for SPO in TMA/eTMA	31-12-2028	31-12-2029	STK OI	Analysis
PRO-257	ATC Procedure to apply spacing minimum down to 2 NM	31-12-2025	31-12-2026	STK OI EN DS	Analysis
PRO-258	ATC procedure to handle low level IFR routes for rotorcraft	31-12-2020	31-12-2026	STK OI DS	Analysis
PRO-AC-06	Cockpit Procedures for LPV approach based on SBAS	31-12-2011	31-12-2015	STK OI EN DS	Analysis
PRO-AC-21	Cockpit procedure for AP/FD TCAS	31-12-2011	31-12-2015	STK OI EN DS	Analysis
PRO-AC-53	Cockpit Procedure for Noise Abatement Departure Procedure	31-12-2008	31-12-2012	STK OI	Analysis
PRO-ENV-12a	Exploiting new ATM and aircraft capabilities to optimise the aircraft noise footprint at airports (Airlines)	31-12-2008	31-12-2012	STK OI	Analysis
PRO-ENV-12b	Exploiting new ATM and aircraft capabilities to optimise the aircraft noise footprint at airports (Airports)	31-12-2008	31-12-2012	STK OI	Analysis
PRO-ENV-13a	Airline Procedures for exploiting new ATM and aircraft capabilities with a view to optimising atmospheric emissions from aircraft operations	31-12-2008	31-12-2012	STK OI	Analysis
PRO-ENV-13b	Airport Procedures for exploiting new ATM and aircraft capabilities with a view to optimising atmospheric emissions from aircraft operations	31-12-2008	31-12-2012	STK OI	Analysis
PRO-ENV-15	ATC Procedures and LoA with adjacent ATS units to ensure that airspace is designed to permit the aircraft continuous climb in order to avoid the unnecessary noise and excessive fuel emissions from non-optimal departure profiles	-	-	OI	Analysis
PRO-RPAS-0003	RPAS Contingency procedures	-	-	OI DS	Analysis
REG-0001	AMC Enhanced Braking System	31-12-2017	-	EN	Analysis
REG-0002	AMC Airport Moving Map & Own Aircraft Position Display	31-12-2013	-	EN	Analysis


Code	Title	IOC	FOC	Related Elements	Analysis
REG-0003	AMC(s) for ATSAW Applications	31-12-2017	-	EN	Analysis
REG-0004	AMCs for ADS-B-RAD, -APT	31-12-2013	-	EN	Analysis
REG-0005	AMC for D-TAXI	31-12-2019	-	EN	Analysis
REG-0006	AMC for departure clearance over VDL2 ATN	31-12-2019	-	EN	Analysis
REG-0007	AMC for ASPA S&M	31-12-2016	-	EN	Analysis
REG-0008	AMC for Initial 4D	31-12-2021	-	EN	Analysis
REG-0009	AMC for Curved Approaches	31-12-2009	-	OI EN	Analysis
REG-0010	AMC for Advanced RNP	31-12-2017	-	EN	Analysis
REG-0011	AMC for Initial GBAS Cat II/III	31-12-2018	-	EN	Analysis
REG-0012	CS in support of PCP AF3- Free Routes	31-12-2021	-	OI EN	Analysis
REG-0013	Community Specifications for Aerodrome Mapping Data based on ED-99 and ED-119	31-12-2021	-	OI EN DS PCP	Analysis
REG-0014	TS 16071 upgrade to EN CS on ATC to ATC flight data exchange updated following validation results	31-12-2020	-	OI DS PCP	Analysis
REG-0100	Regulatory Provisions for Datalink Extension (DLS II)	31-12-2019	-	OI EN DS PCP	Analysis
REG-0102	Means of Compliance for DLS II	31-12-2019	-	EN	Analysis
REG-0200	Safety Targets in Relation to Reductions of Runway Incursions	31-12-2019	-	OI	Analysis
REG-0201	Means of Compliance for A-SMGCS Routing and Planning	31-12-2016	-	OI DS PCP	Analysis
REG-0301	Means of Compliance for SWIM	31-12-2021	-	OI DS	Analysis
REG-0400	Regulatory Provisions for the Update and Propagation of RBT	31-12-2021	-		Analysis
REG-0401	Means of Compliance for Flight Object Exchange	31-12-2021	-	OI DS	Analysis
REG-0500	Regulatory Provisions for Performance-Based Navigation (PBN) implementation	31-12-2017	-	OI EN DS PCP	Analysis
REG-0501	Amendment to DLS IR (Zagreb FIR)	31-12-2014	-	EN	Analysis
REG-0502	Amendment to DLS IR (Phase 1)	31-12-2019	-	OI EN	Analysis
REG-0503	Amendment to SPI IR (Phase 1)	31-12-2014	-	EN	Analysis
REG-0504	Amendment to SPI IR	31-12-2017	-	OI EN	Analysis
REG-0505	Aeronautical Data Quality (ADQ) Implementing Rule	31-12-2010	-	EN	Analysis
REG-0506	Amendment to ADQ IR	31-12-2014	-	EN	Analysis
REG-0507	Technical requirement and operation procedures for AIS/AIM	31-12-2018	-	EN	Analysis
REG-0508	Common operating rules in support of AMAN/DMAN Integration	31-12-2021	-	EN	Analysis
REG-0509	Regulatory Provisions for the harmonised deployment of Remote Towers Operations (for a single aerodrome)	31-07-2015	-	OI EN DS	Analysis
REG-0510	Regulatory Provisions for the integration and use of meteorological information in ATM operations and systems in a harmonised manner	31-12-2021	-	OI EN DS	Analysis
REG-0513	CS/AMC on Airport CDM (PCP)	31-12-2019	-	OI DS PCP	Analysis
REG-0514	AMC on Time Based separation (PCP)	31-12-2019	-	OI DS PCP	Analysis
REG-0515	AMC on Airport Safety Nets procedures for (PCP)	31-12-2019	-		Analysis
REG-0516	Regulatory Provisions for the harmonised deployment of Extended AMAN (PCP)	31-12-2021	-	OI DS PCP	Analysis
REG-0517	Regulatory Provisions for the harmonised deployment of FUA and free route (PCP)	31-12-2019	-	OI	Analysis
REG-0518	Regulatory Provisions for the harmonised deployment of network collaborative management (PCP)	31-12-2019	-	OI DS PCP	Analysis
REG-0519	Regulatory Provisions for the harmonised deployment of technical requirements for iSWIM (PCP)	31-12-2021	-	OI DS PCP	Analysis
REG-0520	EASA State Letter for RECAT-EU Scheme	10-10-2014	-	STK OI EN	Analysis

Code	Title	IOC	FOC	Related Elements	Analysis
REG-0521	Regulatory provisions for SNI IFR rotorcraft operations using PinS	31-12-2018	-	STK EN	Analysis
REG-0522	Regulatory provisions for weather-dependent separation minima (WDS)	31-12-2018	-	STK EN	Analysis
REG-0523	Regulatory provisions for static pair-wise wake separation minima (S-PWS)	-	-	STK EN	Analysis
REG-0524	Regulatory provisions for dynamic pair-wise wake separation minima (D-PWS)	31-12-2023	-	STK OI	Analysis
REG-0525	Regulatory provisions for the harmonised deployment of Remote Towers Operations (for two aerodromes)	31-12-2017	-	OI DS	Analysis
REG-0526	Regulatory provisions for Minimum-Pair separations based on RSP (Required Surveillance Performance)	31-12-2018	-	EN	Analysis
REG-0527	Regulatory provisions for Dual Threshold operations (DT)	31-12-2018	-	EN	Analysis
REG-0528	Regulatory provisions for Adaptive-Increased Glide Slope operations (A-IGS)	31-12-2018	-	EN	Analysis
REG-0529	Regulatory provisions for Second Runway Aiming Points operations (SRAP)	31-12-2018	-	EN	Analysis
REG-0530	Regulatory provisions for Increased Glide Slope operations (IGS)	31-12-2018	-	EN	Analysis
REG-0531	Regulatory provisions for Double Slope operations (DS)	31-12-2018	-	EN	Analysis
REG-0532	AMC on Optimised Runway/Separation Delivery	31-12-2018	-	EN	Analysis
REG-0533	Regulatory provisions for Increased Glide Slope to Second Runway Aiming Point operations (IGS-to-SRAP)	-	-	EN	Analysis
REG-HNA-01	Extension of the ACAS mandate	31-12-2019	-	OI EN DS	Analysis
REG-HNA-02	Regulatory Provisions on ATC Procedures to provide a common response to down linked airborne TCAS/ACAS alerts	31-12-2013	-	OI EN DS	Analysis
REG-HNA-03	AMC for LPV approach based on SBAS	31-12-2017	-	EN	Analysis
REG-HNA-04	AMC for RNP transition to ILS/GLS/LPV	31-12-2009	-	EN	Analysis
REG-HNA-06	Regulatory Provisions for Surface Movement Control workstation (data-link)	31-12-2019	-	EN	Analysis
REG-HNA-07	Regulatory Provisions for Surface Management Tools (D-TAXI)	31-12-2019	-	EN	Analysis
REG-HNA-08	Regulatory Provisions for Runway Usage Management (static wake-turbulence)	31-12-2019	-		Analysis
REG-HNA-09	Regulatory Provisions for Surface Movement Control workstation (vehicle alerts)	31-12-2022	-	EN	Analysis
REG-HNA-10	Regulatory Provisions for Surface Management (runway exit)	31-12-2020	-	EN	Analysis
REG-HNA-12	Regulatory Provisions for Runway Usage Management (dynamic wake-turbulence)	31-12-2019	-	EN	Analysis
REG-HNA-13	Regulatory Provisions for Datalink trajectory management	31-12-2019	-	EN	Analysis
REG-HNA-14	Regulatory Provisions for A-CWP	31-12-2021	-	EN	Analysis
REG-HNA-15	Regulatory Provisions for Surface Guidance (ground signs)	31-12-2021	-	EN	Analysis
REG-HNA-17	Regulatory Provisions for Enhanced Breaking (data-link)	31-12-2017	-	EN	Analysis
REG-HNA-18	Regulatory Provisions for Medium-Short Term Runway Management capacity	31-12-2021	-	EN	Analysis
REG-HNA-19	Regulatory Provisions for Tactical Runway Management (capacity planning)	31-12-2021	-	EN	Analysis
REG-HNA-20	Regulatory provisions for RWSL	-	-	EN	Analysis
REG-HNA-21	Regulatory Provisions for Surface Movement Control workstation (Virtual Block Control)	31-12-2018	-	EN	Analysis
REG-HNA-22	Regulatory Provisions for in-vehicle access to ground clearances and information	31-12-2021	-	EN	Analysis
REG-HNA-23	Regulatory Provisions for Airport impact assessment tool	31-12-2021	-	EN	Analysis
REG-HNA-24	Regulatory provisions for AOP management tool	31-12-2021	-	EN	Analysis
REG-HNA-25	Regulatory Provisions for De-icing support tool	31-12-2021	-	EN	Analysis

Code	Title	IOC	FOC	Related Elements	Analysis
REG-HNA-26	Regulatory Provisions for use of airport wireless communication infrastructure	31-12-2021	-	EN	Analysis
REG-HNA-27	Regulatory Provisions for A-CDM (levels 1,2, & 3)	31-12-2021	-	EN	Analysis
REG-HNA-28	Regulatory Provisions for A-CDM (level4)	31-12-2021	-	EN	Analysis
REG-HNA-29	Regulatory Provisions for aerodrome constraint provision	31-12-2021	-	EN	Analysis
REG-HNA-30	Regulatory Provisions for AOP monitoring	-	-		Analysis
REG-HNA-31	Regulatory Provisions for Airport Performance Monitoring system	31-12-2021	-	EN	Analysis
REG-HNA-32	Regulatory Provisions for Airport Operations Centre Support Tools	31-12-2021	-		Analysis
REG-HNA-33	Regulatory Provisions for Tactical capacity planning tools	31-12-2021	-		Analysis
REG-HNA-34	Regulatory Provisions for On-board vehicle display (taxi and clearances)	31-12-2021	-	EN	Analysis
REG-HNA-35	Regulatory Provisions for On-board vehicle display (safety net alerts)	31-12-2022	-	EN	Analysis
REG-HNA-36	Regulatory Provisions for On-board vehicle generation of safety net alerts	31-12-2022	-	EN	Analysis
REG-HNA-37	Regulatory Provisions for Surface Traffic Situational Awareness	31-12-2017	-	EN	Analysis
REG-HNA-39	Regulatory Provisions for datalink (i4D - ETA min/max)	31-12-2020	-	EN	Analysis
REG-HNA-40	Regulatory Provisions for datalink (i4D - CTA/CTO)	31-12-2021	-	EN	Analysis
REG-HNA-41	Regulatory Provisions for safety nets (RNP en-route)	31-12-2021	-	EN	Analysis
REG-HNA-42	Regulatory Provisions for ER ATC system (CTO)	31-12-2021	-		Analysis
REG-HNA-43	Regulatory Provisions for G/G AIS provision and use	31-12-2021	-	EN	Analysis
REG-HNA-44	Regulatory Provisions for on-board digital data provision	31-12-2021	-	EN	Analysis
REG-HNA-46	Regulatory Provisions for CDM data exchange	31-12-2021	-	EN	Analysis
REG-HNA-52	Regulatory Provisions for Airport impact assessment (NM interface)	31-12-2021	-	EN	Analysis
REG-HNA-53	Regulatory Provisions for Flight Object (enhanced NM systems)	31-12-2021	-	EN	Analysis
REG-HNA-54	Regulatory Provisions for the harmonised deployment of SWIM Registry	31-12-2021	-	EN	Analysis
REG-HNA-55	Regulatory Provisions for the harmonised deployment of SWIM Security	31-12-2021	-	EN	Analysis
REG-HNA-56	Regulatory Provisions for ATC system support	31-12-2019	-	EN	Analysis
REG-HNA-57	Regulatory Provisions for CPDLC (TBS/DBS)	31-12-2019	-	EN	Analysis
REG-RPAS-01	RPAS Operational and Personal Requirements (JARUS)	31-12-2020	-		Analysis
REG-RPAS-02	RPAS Organisation Approval (JARUS)	31-12-2020	-		Analysis
REG-RPAS-03	RPAS Airworthiness (JARUS)	31-12-2020	-		Analysis
REG-RPAS-04	RPAS Detect & Avoid (JARUS)	31-12-2020	-		Analysis
REG-RPAS-05	RPAS Command, Control & Communications (JARUS)	31-12-2020	-		Analysis
REG-RPAS-06	UAS Safety System (JARUS)	31-12-2020	-		Analysis
REG-RPAS-07	UAS Certification Process (JARUS, 'Part 21')	31-12-2020	-		Analysis
REG-RPAS-08	Regulatory Package for RPAS, based on JARUS work (EASA)	-	-		Analysis
RPAS-0001	RPAS Detect And Avoid	31-12-2026	31-12-2032	STK OI DS	Analysis
RPAS-0002	RPAS Command, Control and Communications	-	-	OI DS	Analysis
STD-001	ICAO Annex 11 SARPs to reintroduce the FRT designator for ATS RNP routes	31-12-2018	-	EN	Analysis
STD-002	PANS-ATM to include RT phraseology for Tactical Parallel Offset (TPO) and FRT	31-12-2020	-	EN	Analysis
STD-004	Review of ATN B2 standards in WG-78/SC-214 for US/EUR convergence	31-03-2016	-	OI EN DS PCP	Analysis
STD-005	SPR for new AOC services and FIS services (ED-175A, WG-76)	31-12-2017	-	EN	Analysis
STD-006	MASPS for new AOC services and FIS services (WG-76)	31-12-2019	-	EN	Analysis

Code	Title	IOC	FOC	Related Elements	Analysis
STD-007	ED-99D user requirements for Aerodrome Mapping Information	31-12-2015	-	OI EN DS PCP 	Analysis
STD-008	ED-119C interchange standards for terrain, obstacle and aerodrome mapping data	31-12-2015	-	OI EN DS PCP 	Analysis
STD-010	ED-87 rev C MASPS for A-SMGCS Level Surveillance & Airport Safety Nets	31-12-2015	-	EN 	Analysis
STD-012	EN 303 213-2 Update of EN 303 213-1 and -2 to cover changes included in ED-87C	31-12-2016	-	EN 	Analysis
STD-013	Update of EN 303 213-1 and -2 to cover changes included in ED-87D	31-12-2019	-	EN 	Analysis
STD-014	MASPS for Remote and Virtual Towers Visual Surveillance Systems	31-12-2017	-	EN	Analysis
STD-015	Update ICAO Annex 14 to prescribe the meaning of RWSL visual signals	-	-	EN 	Analysis
STD-016	Harmonising standard defining interfaces and information exchanges of Runway Status Light Management Tool	31-12-2017	-	EN	Analysis
STD-018	MASPS for Airport Surface Data Communication (ED-227)	31-12-2016	-	EN	Analysis
STD-019	Harmonisation specifications for AeroMACS Ground equipment	-	-	EN	Analysis
STD-020	MASPS and MOPS for AMS(R)S Class B	31-12-2016	-	EN	Analysis
STD-021	MASPS and MOPS for AMS(R)S Class A	31-12-2016	-	EN	Analysis
STD-022	Update ICAO provisions for multi-constellation, multi-frequency GNSS	31-12-2018	-	EN	Analysis
STD-023	MOPS on GPS/GALILEO + multi-constellation, multi-frequency SBAS	31-12-2022	-	EN	Analysis
STD-024	DO-253D MOPS on GBAS Receiver	31-12-2017	-	EN	Analysis
STD-025	Harmonisation Specifications on Ground Based Augmentation System Ground Equipment to Support Category I Operations	-	-	OI EN	Analysis
STD-026	ED-114B, MOPS for GBAS ground systems to support precision approach and landing (CATIII)	31-12-2018	-	EN	Analysis
STD-027	ED-129B Technical Specification for a 1090 MHz Extended Squitter ADS-B Ground Station (RAD & APT applications)	31-12-2015	-	OI EN DS	Analysis
STD-028	EN on Environmental definition for AIS and MET Data Link Services	-	-		Analysis
STD-029	EN on MET services (e.g. customized sea, land mountain)	-	-		Analysis
STD-030	EN on MET services 4D Weather Data Cube	-	-		Analysis
STD-031	ED-76a Standards for Processing Aeronautical Data	31-12-2015	-		Analysis
STD-032	ED-98C user requirements for terrain and obstacle data	31-12-2015	-		Analysis
STD-033	Flight Information Exchange Model v4 incl. ICAO FPL 2012, Extended Flight Plan and Flight Objects elements, in accordance with SESAR FIXM Strategy.	31-12-2016	-	OI EN DS PCP 	Analysis
STD-034	ED-203 Airworthiness Security Methods and Considerations	31-12-2015	-		Analysis
STD-036	EUROCAE Standards for LDACS following ICAO provisions	31-12-2019	-	EN	Analysis
STD-037	ICAO Provisions for LDACS	31-12-2020	-	EN	Analysis
STD-038	ARINC Standard for AeroMACS (FFF)	31-12-2016	-	EN	Analysis
STD-039	EUROCAE Standards for D-TAXI A/G datalink using Multilink	31-12-2021	-	EN	Analysis
STD-040	ICAO Standards for A/G datalink using Multilink	31-12-2022	-	EN	Analysis
STD-041	MOPS for an Airborne VDL Mode-2 System Operating in the Frequency Range 118-136.975 MHz (ED-92B)	31-12-2014	-	EN 	Analysis
STD-042	MOPS for Airport Surface Data Communication (ED-223)	31-12-2014	-	EN 	Analysis
STD-043	EN 303 084, Ground Based Augmentation System (GBAS) VHF ground-air Data Broadcast (VDB)	31-12-2014	-	OI EN 	Analysis
STD-044	ED-202-A Airworthiness Security Process Specification	31-12-2014	-		Analysis

Code	Title	IOC	FOC	Related Elements	Analysis
STD-045	ED-204-A Information Security Guidance for Instructions for Continued Airworthiness and Continuing Airworthiness	31-12-2014	-		Analysis
STD-048	New SARPs on RPAS detect and avoid (DAA) and related guidance	31-12-2020	-		Analysis
STD-049	New SARPs on RPAS licensing and related guidance	31-12-2018	-		Analysis
STD-050	New SARPs for RPAS operations and related guidance	31-12-2018	-		Analysis
STD-051	New SARPs for RPAS integration in ATM operations and related guidance	31-12-2020	-		Analysis
STD-052	EUROCAE Standards for RPAS operation	31-12-2015	-		Analysis
STD-053	EUROCAE Guidance Material on RPAS Visual Line of Sight Operations	31-12-2015	-		Analysis
STD-055	ED-201 AISS Framework Guidance Document	31-12-2014	-		Analysis
STD-057	New SARPs on RPAS airworthiness and certification processes	31-12-2018	-		Analysis
STD-058	New SARPs on RPAS communications	31-12-2020	-		Analysis
STD-059	Update of EUROCONTROL A-CDM Manual (PCP)	31-12-2017	-	OI DS	Analysis
STD-060	Updated EUROCONTROL A-SMGCS Standard	31-12-2018	-	OI PCP	Analysis
STD-061	Updated EUROCONTROL Specification for MTCD (PCP)	31-12-2016	-	OI DS PCP	Analysis
STD-062	Updated EUROCONTROL Specification for MONA (PCP)	31-12-2016	-	OI DS PCP	Analysis
STD-063	Updated EUROCONTROL Specification for Trajectory Prediction (PCP)	31-12-2016	-	OI DS PCP	Analysis
STD-064	EUROCONTROL Guidelines for APW (PCP)	31-12-2016	-	OI DS PCP	Analysis
STD-065	EUROCONTROL Specification for TBS (PCP)	31-12-2016	-	OI DS PCP	Analysis
STD-066	ICAO Provisions for ATN Baseline 2	31-12-2025	-	OI EN	Analysis
STD-067	DO-253D 'GBAS MOPS' & DO-246E 'GBAS ICD'	31-12-2016	-	OI EN	Analysis
STD-068	MOPS for Avionics supporting Next Generation Satellite Systems (NGSS)	31-12-2017	-		Analysis
STD-069	Update of EN 303 212	-	-		Analysis
STD-070	ED-142a Technical Specification for Wide Area Multilateration (WAM) Systems	31-12-2017	-	OI EN DS	Analysis
STD-071	MOPS for Mode S transponder	31-12-2017	-	EN	Analysis
STD-072	ACAS Interoperability	31-12-2017	-	EN	Analysis
STD-073	ACAS-Xa MOPS	31-12-2018	-	EN	Analysis
STD-074	MASPS for AFGS / ACAS-coupling	31-12-2018	-		Analysis
STD-075	ACAS-Xu MOPS	31-12-2020	-		Analysis
STD-076	ICAO DOC 9880	31-12-2015	-	OI EN	Analysis
STD-077	ED-236 MOPS for ASPA FIM	31-12-2015	-		Analysis
STD-078	ED-194A MOPS for Aircraft Surveillance Applications	31-12-2014	-		Analysis
STD-079	AeroMACS Protocol Implementation Conformance Statement (PICS) Proforma	31-12-2013	-		Analysis
STD-080	AeroMACS Certification Requirement Status List (CRSL)	31-12-2013	-		Analysis
STD-081	EN 303 213-6-1 X-band sensors using pulsed signals and transmitting power up to 100 kW	31-12-2016	-	EN	Analysis
STD-082	EN 303 213-5-1 A-SMGCS multilateration receivers and interrogators & EN 303 213-5-2 multilateration reference and vehicle transmitters	31-12-2017	-	EN	Analysis
STD-083	EN 303 346 Multi-Static Primary Surveillance Radar (MSPSR)	31-12-2017	-	EN	Analysis
STD-084	EN 303 363 Secondary Surveillance Radar (SSR)	31-12-2017	-	EN	Analysis
STD-086	Generic Surveillance Safety & Performance Requirements	31-12-2017	-	EN	Analysis
STD-087	Technical Specification for an INCS System (Independent Non-Cooperative Surveillance System)	31-12-2018	-	EN	Analysis
STD-088	EN 303 347 C-band meteorological radars	31-12-2017	-		Analysis
STD-089	Standards for efficient curved arrival and departure operations in the TMA	-	-	STK EN	Analysis

Code	Title	IOC	FOC	Related Elements	Analysis
STD-090	Update of ICAO standards for Global Reporting Format of runway surface conditions	-	-	STK EN	Analysis
STD-091	MASPS for RNP Reversion using DME/DME Positioning	30-06-2020	-	EN	Analysis
STD-092	Update of ED-57 - EUROCAE MOPS for DME Transponder	30-06-2020	-	EN	Analysis
STD-HNA-01	Non-ICAO Standards for 'Initial airspace management system enhanced with commonly applied GAT/OAT handling	-	-	EN	Analysis
STD-HNA-02	Non-ICAO Standards for 'Flow based Improvement of operational orchestration among arrival / departure management and surface management services'	-	-	EN	Analysis
STD-HNA-03	Non-ICAO Standards for 'Surface movement control workstation equipped with a system to provide alerts for vehicles'	-	-	EN	Analysis
STD-HNA-04	ICAO Provisions for 'Remote Tower Controller position with visual reproduction of both remotod aerodrome views and other sensor data'	-	-	EN	Analysis
STD-HNA-05	ICAO Provisions for 'Remote Tower controller position enhanced with additional sources for low visibility conditions'	-	-	EN	Analysis
STD-HNA-06	Non-ICAO Standards for 'Remote Tower Controller position with visual reproduction of both remotod aerodrome views and other sensor data'	-	-	EN	Analysis
STD-HNA-07	Non-ICAO Standards for 'Remote Tower controller position enhanced with additional sources for low visibility conditions'	-	-	EN	Analysis
STD-HNA-08	Non-ICAO standard for RWSL	-	-	EN	Analysis
STD-HNA-09	ICAO provisions for 'Surface movement management services enhanced to process the runway exit proposal to be uplinked to the aircraft'	-	-	EN	Analysis
STD-HNA-10	Non-ICAO Standards for 'Surface movement management services enhanced to process the runway exit proposal to be uplinked to the aircraft'	-	-	EN	Analysis
STD-HNA-13	Non-ICAO Standards for 'Airport ATC Runway Usage Management sub-system enhanced for processing static wake-turbulence information'	-	-		Analysis
STD-HNA-14	Non-ICAO Standards for 'Advanced Controller Working Position (A-CWP)'	-	-	EN	Analysis
STD-HNA-15	Harmonisation and interoperability standards for VoIP	31-12-2012	-	EN 	Analysis
STD-HNA-17	Harmonising standard for 'A-PNT (Alternative Positioning Navigation and Timing)'	-	-	EN	Analysis
STD-HNA-18	ICAO provisions for 'surface guidance management services enhanced to process the automatic triggering of airport ground signs according to the route issued by ATC'	-	-	EN	Analysis
STD-HNA-19	Non-ICAO Standards for 'surface guidance management services enhanced to process the automatic triggering of airport ground signs according to the route issued by ATC'	31-12-2018	-	EN	Analysis
STD-HNA-22	ICAO provisions for 'Handle enhanced braking information coordinated between Ground ATC and Pilot via data link'	-	-	EN	Analysis
STD-HNA-23	Non-ICAO standards for 'Handle enhanced braking information coordinated between Ground ATC and Pilot via data link'	-	-	EN	Analysis
STD-HNA-24	Non-ICAO standards for 'Surface movement control workstation equipped with tools for management of Virtual Block Control supporting LVP'	31-12-2017	-	EN	Analysis
STD-HNA-25	ICAO provisions for 'Set up a digital data chain to ensure the Aeronautical Information data provision into on-board avionic systems'	-	-	EN	Analysis
STD-HNA-26	Non-ICAO standards for 'Set up a digital data chain to ensure the Aeronautical Information data provision into on-board avionic systems'	31-12-2016	-	EN	Analysis

Code	Title	IOC	FOC	Related Elements	Analysis
STD-HNA-27	Non-ICAO standards for 'Aeronautical Information system is interfaced to receive and distribute aeronautical information electronically to military systems'	-	-	EN	Analysis
STD-HNA-28	Non-ICAO standards for 'In-vehicle access to ground clearances and information'	31-12-2018	-	EN	Analysis
STD-HNA-29	Non-ICAO standards for 'Airport impact assessment tool'	31-12-2017	-	EN	Analysis
STD-HNA-30	ICAO provisions for 'Airports Operation Plan (AOP) management tool'	-	-	EN	Analysis
STD-HNA-31	Non-ICAO standards for 'Airports Operation Plan (AOP) management tool'	31-12-2017	-	EN	Analysis
STD-HNA-32	ICAO provisions for 'De-icing support tool in a A-CDM environment'	-	-	EN	Analysis
STD-HNA-33	Non-ICAO standards for 'De-icing support tool in a A-CDM environment'	-	-	EN	Analysis
STD-HNA-34	Non-ICAO provisions for 'Airport CDM (levels 1, 2 & 3)'	-	-	EN	Analysis
STD-HNA-35	Non-ICAO provisions for 'Airport CDM (level 4 - CDM integrated with landside processes)'	-	-	EN	Analysis
STD-HNA-36	Non-ICAO standards for 'AOP extended to monitor interconnected regional airports'	31-12-2018	-	-	Analysis
STD-HNA-37	Non-ICAO standards for 'Airport Performance Monitoring System'	31-12-2017	-	EN	Analysis
STD-HNA-38	Non-ICAO standards for 'On-board vehicle system to provide safety net alerts to vehicle drivers (visual and/or audio)'	31-12-2018	-	EN	Analysis
STD-HNA-39	Non-ICAO standards for 'On-board vehicle safety net alerts generation'	31-12-2018	-	EN	Analysis
STD-HNA-40	Non-ICAO standards for Surface Traffic Situational Awareness to process and display in an 'On-board Vehicle System' the own position and surrounding traffic	31-12-2017	-	EN	Analysis
STD-HNA-41	Non-ICAO standards for sharing of updated data for CDM process between the AOC/WOC ATM systems and ATM world	31-12-2017	-	EN	Analysis
STD-HNA-42	Non-ICAO standards for 'Sharing of trajectory data between AOC/WOC and the ATM world using B2B web services'	31-12-2018	-	EN	Analysis
STD-HNA-43	Non-ICAO standards for 'Upgrade of Wing Ops System Technical Architecture to provide Military Mission Trajectory Services'	31-12-2017	-	EN	Analysis
STD-HNA-44	'ICAO provisions for: 'TMA Controllers are able to issue instructions to the pilot via CPDLC messages to maintain time- or distance-based separation against other identified aircraft'	-	-	EN	Analysis
STD-HNA-45	Non-ICAO standards for ATC tools to re-organize traffic flows to reduce complexity	31-12-2017	-	EN	Analysis
SVC-001	Modification of the TacticalUpdates service provided by Regional ATFCM to incorporate PTR status query and updates.	31-12-2026	31-12-2030	STK OI DS	Analysis
SVC-002	Extend the AirspaceStructure service to cover the PTR status	31-12-2026	31-12-2032	STK OI DS	Analysis
SVC-003	Enhance the existing NMFlightData service to publish and subscribe SID/STAR data	31-12-2026	31-12-2032	STK OI DS	Analysis
SVC-004	Provision of cost-efficient E-AMAN capabilities using a Common Service	31-12-2026	31-12-2030	STK OI DS	Analysis
SVC-005	Provision of cost-efficient Sub-Regional DCB capabilities using a Common Service	31-12-2023	31-12-2029	STK OI DS	Analysis
SVC-006	FF-ICE Planning Service updated for the provision of the DCB data and enriched DCB data for a preliminary flight plan	31-12-2027	31-12-2033	STK OI DS	Analysis
SVC-007	FF-ICE Flight Information Service updated for the provision of the DCB data and enriched DCB data for a PFP and eFPL.	31-12-2027	31-12-2033	STK OI DS	Analysis
SVC-008	Provision and Consumption of FlightDataDistribution Service in the context of Virtual Centres.	31-12-2029	31-12-2038	STK OI DS	Analysis
SVC-009	Provision and Consumption of FlightDataManagement Service in the context of Virtual Centres	31-12-2029	31-12-2038	STK OI DS	Analysis
SVC-010	Provision and Consumption of CoordinationAndTransferManagement Service in the context of Virtual Centres	31-12-2029	31-12-2038	STK OI DS	Analysis

Code	Title	IOC	FOC	Related Elements	Analysis
SVC-011	Enhance AOWIR SWIM service with the DCB constraint data for the AU or proposed trajectories	31-12-2027	31-12-2033	STK OI DS	Analysis
SVC-012	Enhance AOWIR SWIM service with enriched DCB data	31-12-2027	31-12-2033	STK OI DS	Analysis
SVC-013	Provision and Consumption of Airspace Status Distribution Service	31-12-2029	31-12-2033	STK OI DS	Analysis
SVC-014	Provision and Consumption of Arrival Sequence Distribution Service	31-12-2029	31-12-2033	STK OI DS	Analysis
SVC-015	Provision and Consumption of Arrival Sequence Management Service	31-12-2029	31-12-2033	STK OI DS	Analysis
SVC-016	Provision and Consumption of Correlation Distribution Service	31-12-2029	31-12-2038	STK OI DS	Analysis
SVC-017	Provision and Consumption of Correlation Management Service	31-12-2029	31-12-2038	STK OI DS	Analysis
SVC-018	Provision and Consumption of Medium Term Conflict Detection Distribution Service	31-12-2029	31-12-2033	STK OI DS	Analysis
SVC-019	Provision and Consumption of Medium Term Conflict Management Service	31-12-2029	31-12-2033	STK OI DS	Analysis
SVC-020	Provision and Consumption of Monitoring Aids Distribution Service	31-12-2029	31-12-2033	STK OI DS	Analysis
SVC-021	Provision and Consumption of Operational Configuration Distribution Service	31-12-2029	31-12-2038	STK OI DS	Analysis
SVC-022	Provision and Consumption of Operational Configuration Management Service	31-12-2029	31-12-2038	STK OI DS	Analysis
SVC-023	Provision and Consumption of Safety Net (SNET) Alert Distribution Service	31-12-2029	31-12-2033	STK OI DS	Analysis
SVC-024	Provision and Consumption of SSR Code Distribution Service	31-12-2029	31-12-2033	STK OI DS	Analysis
SVC-025	Provision and Consumption of SSR Code Management Service	31-12-2029	31-12-2033	STK OI DS	Analysis
SVC-028	Provision and Consumption of Surveillance Data Distribution Service	31-12-2029	31-12-2033	STK OI DS	Analysis
SVC-031	Provision and Consumption of Time-based Separation Distribution Service	31-12-2029	31-12-2033	STK OI DS	Analysis
SVC-032	Provision and Consumption of Time-based Separation Management Service	31-12-2029	31-12-2033	STK OI DS	Analysis
SVC-033	Provision and Consumption of Voice Comm Information Distribution Service	31-12-2029	31-12-2038	STK OI DS	Analysis
SVC-034	Provision and Consumption of Voice Comm Management Service	31-12-2029	31-12-2038	STK OI DS	Analysis
SVC-037	METForTAM Service	31-10-2029	31-10-2033	STK OI EN DS	Analysis
SVC-039	Provision of cost-efficient Aeronautical Digital Maps using a Common Service	20-12-2025	20-12-2029	STK OI DS	Analysis
SVC-040	METForWTS Service	31-10-2029	31-10-2033	STK OI EN DS	Analysis
SWIM-APS-01a	Provision of G/G Aeronautical Information services	31-12-2020	31-12-2024	STK OI EN DS PCP S	Analysis
SWIM-APS-01b	Provision of Aeronautical Information services for Step 2	31-12-2027	31-12-2031	OI DS S	Analysis
SWIM-APS-02a	Consumption of Aeronautical Information services	31-12-2020	01-10-2025	STK OI EN DS PCP S	Analysis
SWIM-APS-02b	Consumption of Aeronautical Information services for Step 2	31-12-2027	31-12-2031	OI DS S	Analysis
SWIM-APS-03a	Provision of G/G ATFCM Information Services	31-12-2020	01-10-2025	STK OI EN DS PCP S	Analysis
SWIM-APS-03b	Provision of ASM-ATFCM Information Services for Step 2	-	-	OI EN DS S	Analysis
SWIM-APS-04a	Consumption of G/G ATFCM Information Services	31-12-2020	31-12-2024	STK OI EN DS PCP S	Analysis
SWIM-APS-04b	Consumption of G/G and initial A/G ASM-ATFCM Information Services on Wide Area communications	-	-	OI DS S	Analysis
SWIM-APS-05a	Provision and Consumption of Flight Object Sharing services	31-12-2023	31-12-2027	STK OI EN DS PCP S	Analysis
SWIM-APS-05b	Provision and Consumption of Enhanced G/G Flight Object Sharing services for Trajectory Based Operations	31-12-2024	31-12-2030	STK OI DS S	Analysis

Code	Title	IOC	FOC	Related Elements	Analysis
SWIM-APS-06a	Provision of Airport Ground Sensor Meteorological Information Services	-	-	STK OI EN DS PCP S	Analysis
SWIM-APS-06b	Provision of Meteorological Information services for Step 2	31-12-2027	31-12-2031	OI DS S	Analysis
SWIM-APS-07a	Stakeholder systems consumption of G/G Meteorological Information services	31-12-2023	31-12-2029	STK OI EN DS PCP S	Analysis
SWIM-APS-07b	Consumption by Ground Systems of Meteorological Information services for Trajectory Based Operations	31-08-2023	31-08-2029	STK OI DS S	Analysis
SWIM-APS-08b	Provision of Airport Information services for Step 2	31-12-2027	31-12-2031	OI DS S	Analysis
SWIM-APS-09b	Consumption by Ground Systems of SWIM enabled G/G and initial A/G Airport Information services	-	-	OI DS S	Analysis
SWIM-APS-10b	Provision by Ground Systems of G/G and initial A/G SWIM enabled AOC Information services	31-12-2027	31-12-2033	STK OI DS	Analysis
SWIM-APS-11b	Consumption of G/G SWIM enabled AOC Information services	-	-		Analysis
SWIM-APS-12	Provision and Consumption of Mission Trajectory exchange services (not using FO)	31-12-2023	31-12-2027	STK OI S	Analysis
SWIM-APS-12a	Provision and Consumption of general information for air traffic management using SWIM	31-12-2019	31-12-2025	STK OI EN S	Analysis
SWIM-APS-13	Ground-ground SWIM enabled services for MT data facilitating DCB	31-12-2027	31-12-2033	STK OI S	Analysis
SWIM-APS-14	AOC AirspaceStructure service Profile Tuning Restriction (PTR) Status interface consumption by the FOC	31-12-2026	31-12-2030	STK OI DS	Analysis
SWIM-APS-15	TacticalUpdates service Profile Tuning Restriction (PTR) status update provision by the Regional ATFCM	-	-	STK OI DS	Analysis
SWIM-APS-16	ATC Letter of Agreement (LOA) Status publication via TacticalUpdates service by ER APP ACC	31-12-2026	31-12-2030	STK OI DS	Analysis
SWIM-APS-17	AOC Consume NMFlightData service FlightListByAO interface via P/S	31-12-2026	31-12-2032	STK OI DS	Analysis
SWIM-APS-18	eFPL service consumption in ATC	31-12-2026	31-12-2030	STK OI DS	Analysis
SWIM-APS-19	Provision of the FF-ICE Planning Service	31-12-2024	31-12-2024	STK OI EN DS	Analysis
SWIM-APS-20	Consumption of the FF-ICE Planning service	31-12-2024	31-12-2030	STK OI DS	Analysis
SWIM-APS-21	Provision of the FF-ICE Flight Information Service	31-12-2024	31-12-2024	STK OI EN DS	Analysis
SWIM-APS-22	Consumption of the FF-ICE Flight Information Service	31-12-2024	31-12-2030	STK OI DS	Analysis
SWIM-APS-23	Consumption of the AOWIR service	31-12-2027	31-12-2033	STK OI DS	Analysis
SWIM-APS-24	Provision of the AOWIR service with the DCB constraint data	31-12-2027	31-12-2027	STK OI DS	Analysis
SWIM-APS-25	Provision of the AOWIR service with the enhanced DCB data	31-12-2027	31-12-2027	STK OI DS	Analysis
SWIM-GOV-05a	Regulatory Provisions for SWIM roles and responsibilities (organisational requirements)	31-12-2019	-	STK OI DS PCP	Analysis
SWIM-INFR-01a	High Criticality SWIM Services infrastructure Support and Connectivity.	31-12-2023	-	STK OI EN DS PCP	Analysis
SWIM-INFR-01b	High Criticality SWIM Services infrastructure Support and Connectivity.	31-12-2027	31-12-2031		Analysis
SWIM-INFR-05a	General SWIM Services infrastructure Support and Connectivity.	31-12-2020	31-12-2024	STK OI EN DS PCP	Analysis
SWIM-INFR-05b	General SWIM Services infrastructure Support and Connectivity	31-12-2027	31-12-2031	OI DS	Analysis
SWIM-INFR-06b	Ground side SWIM technical infrastructure for Air-Ground Advisory Information Sharing	31-12-2028	31-12-2032	STK OI EN DS	Analysis
SWIM-INFR-06c	Air side SWIM technical infrastructure for Air-Ground Advisory Information Sharing	31-12-2028	31-12-2034	STK OI DS	Analysis
SWIM-INFR-07	Ground/Ground SWIM technical infrastructure for civil-military SWIM-based non high-critical exchanges	31-12-2027	31-12-2033	STK OI DS	Analysis
SWIM-NET-01a	SWIM Network Point of Presence	31-12-2020	31-12-2024	STK OI EN DS PCP	Analysis
SWIM-STD-01	AIRM	31-12-2018	-	OI EN DS	Analysis

Code	Title	IOC	FOC	Related Elements	Analysis
SWIM-STD-02	ISRM Rulebook	31-12-2017	-	OI EN	Analysis
SWIM-STD-03	Version 2 of EN 16495 Information security for organisations supporting civil aviation operations	31-12-2017	-	EN	Analysis
SWIM-STD-04	SWIM Technical Infrastructure profiles	31-12-2017	-	OI EN DS PCP	Analysis
SWIM-STD-06	SWIM Compliance Framework	31-12-2017	-	EN	Analysis
SWIM-STD-07	SWIM Foundation	31-12-2017	-	EN	Analysis
SWIM-STD-08	AIRM Rulebook	31-12-2017	-	EN	Analysis
SWIM-STD-09	Air Traffic Management - Software Assurance Levels (SWAL)	31-12-2018	-		Analysis
SWIM-SUPT-01a	SWIM Supporting Registry Provisions	-	-	STK OI EN DS PCP	Analysis
SWIM-SUPT-01b	SWIM Design-Time Registry	31-12-2027	31-12-2031	STK OI DS	Analysis
SWIM-SUPT-02	SWIM Runtime Registry	31-12-2027	31-12-2031	STK OI DS	Analysis
SWIM-SUPT-03a	SWIM Supporting Security Provisions	31-12-2022	31-12-2026	STK OI EN DS PCP	Analysis
SWIM-SUPT-03b	SWIM Supporting Security	31-12-2027	31-12-2031	STK OI DS	Analysis
SWIM-SUPT-05a	SWIM Supporting IP Network Bridging Provisions	31-12-2015	31-12-2019	STK OI EN	Analysis
SWIM-SUPT-06b	SWIM Supporting Supervision	31-12-2027	31-12-2031	OI DS	Analysis