



Operational Improvement Steps

The elementary level of an operational improvement.

Display Options

Filter by Related Element

SOL OI EN OBJ DS PCP ICAO

Capabilities

Unassigned — None

ICAO Blocks

Block 0 — Block 1 — Block 2 — Block 3

Code	Title	IOC	FOC	Related Elements
AO-0101	Reduced Risk of Runway Incursions through Improved Procedures and Best Practices on the Ground	31-12-2007	31-12-2011	EN OBJ
AO-0102	Automated Alerting of Controller in Case of Runway Incursion or Intrusion into Restricted Areas	30-04-2014	30-04-2018	OI EN OBJ ICAO
AO-0104-A	Airport Safety Nets for Controllers at A-SMGCS Airports	31-12-2019	31-12-2023	SOL OI EN OBJ DS PCP ICAO
AO-0104-B	Extended Airport Safety Nets for Controllers at A-SMGCS Airports	31-12-2029	31-12-2033	SOL OI EN DS ICAO
AO-0105	Airport Safety Net for Vehicle Drivers	31-12-2022	31-12-2026	SOL OI EN OBJ DS ICAO
AO-0106	Conflict Resolution for Tower Controllers	31-12-2027	31-12-2031	OI EN
AO-0107	Improved Airport Safety with Better Prevention of Runway Excursions for Tower Controllers	31-12-2029	31-12-2033	SOL OI EN DS
AO-0108	Airport Safety Nets for Controllers at Secondary Airports	31-12-2029	31-12-2033	SOL EN DS
AO-0109	Enhanced Airport Safety thanks to Time Critical Weather Alerts	31-12-2029	31-12-2033	SOL EN DS
AO-0110	Airport Safety Enhanced by Prediction and by Detection of Adverse Traffic Patterns based on Ground Surveillance	31-12-2029	31-12-2033	SOL OI EN DS
AO-0201	Ground Controller Situational Awareness in all Weather Conditions	31-12-2006	31-12-2010	OI EN OBJ ICAO
AO-0201-A	Enhanced Ground Controller Situational Awareness in all Weather Conditions with ADS-B	31-12-2020	31-12-2024	SOL OI EN OBJ DS ICAO
AO-0202	Detection of FOD (Foreign Object Debris) on the Airport Surface	31-10-2010	31-10-2014	EN
AO-0204	Airport Vehicle Driver's Traffic Situational Awareness	31-12-2022	31-12-2026	SOL OI EN OBJ DS ICAO
AO-0205	Automated Assistance to Controller for Surface Movement Planning and Routing	31-12-2021	31-12-2025	SOL OI EN OBJ DS PCP ICAO
AO-0206	Enhanced Guidance Assistance to Airport Vehicle Driver Combined with Routing	31-12-2022	31-12-2028	SOL OI EN DS ICAO
AO-0209	Enhanced Runway Usage Awareness	29-04-2021	29-04-2026	SOL EN OBJ DS ICAO
AO-0212	Equivalent Visual Operations for Tower Control in Low Visibility	-	-	









Code	Title	IOC	FOC	Related Elements
AO-0215	Airport ATC provision of ground-related clearances and information to vehicle drivers via datalink	31-12-2028	31-12-2032	SOL EN DS ICAO A-TA
AO-0216	Enhanced Runway Condition Awareness	31-12-2026	31-12-2030	SOL EN DS
AO-0222-A	Enhanced Guidance Assistance to mobiles based on the automated switching of Taxiway lights and Stop bars according to the 'Airfield Ground Lighting' operational service	31-03-2022	31-12-2027	SOL OI EN OBJ DS ICAO A-TA
AO-0222-B	Full Guidance Assistance to mobiles using 'Follow the Greens' procedures based on Airfield Ground Lighting (aprons/taxiways/runways)	30-12-2027	30-12-2031	SOL OI EN DS
AO-0223-A	Enhanced safety in LVP through use of virtual block control	27-02-2021	27-02-2025	SOL OI EN DS ICAO
AO-0223-B	Enhanced Safety in LVP through use of Dynamic Virtual Block Control	31-12-2028	31-12-2032	SOL OI EN DS
AO-0224	Advanced Automated Assistance to Controller for Surface Movement Planning and Routing	31-12-2028	31-12-2032	SOL EN DS
AO-0301	Crosswind Reduced Separations for Arrivals	-	-	EN ICAO
AO-0302	Time Based Separation (TBS) for Arriving Aircraft - Transitional Step	-	-	OI EN ICAO
AO-0303	Time Based Separation for Final Approach - full concept	31-12-2019	31-12-2023	SOL OI EN OBJ DS PCP ICAO A-TA
AO-0304	Weather-Dependent Reductions of Wake Turbulence Separations for Departures	03-03-2025	03-03-2030	SOL OI EN DS ICAO
AO-0305	Additional Rapid Exit Taxiways (RET) and Entries	-	-	OBJ
AO-0306	Wake Turbulence Separations (for Arrivals) based on Static Aircraft Characteristics	31-12-2025	31-08-2030	SOL OI EN DS ICAO
AO-0307	Wake Turbulence separations (for arrivals) based on Dynamic Aircraft Characteristics	31-12-2029	31-12-2033	OI EN ICAO A-TA
AO-0308	Enhanced Arrival Procedures using Dual Thresholds (DT)	31-08-2026	31-08-2030	SOL OI EN DS ICAO
AO-0309	Minimum Radar Separations based upon Required Surveillance Performance (RSP)	31-12-2025	31-12-2030	SOL EN DS ICAO
AO-0310	Weather-Dependent Reductions of Wake Turbulence Separations for Final Approach	31-12-2025	31-12-2030	SOL OI EN DS ICAO
AO-0311	Reduced low visibility CAT II & III arrival separations	31-12-2029	31-12-2033	EN A-TA
AO-0316	Increased Airport Performance through Independent (parallel or convergent) IFR Rotorcraft Operations	19-10-2022	31-12-2026	SOL EN DS
AO-0319	Enhanced Arrival Procedures using a Second Runway Aiming Point (SRAP)	31-08-2026	31-08-2030	SOL OI EN DS
AO-0320	Enhanced Arrival Procedures using Increased Glide Slope (IGS)	31-08-2026	31-08-2030	SOL OI EN DS
AO-0321	Enhanced Arrival Procedures using Adaptive Increased Glide Slope (A-IGS)	31-08-2023	31-08-2029	SOL OI EN DS
AO-0322	Enhanced Arrival Procedures using Double Slope Approach (DS)	25-11-2030	31-12-2035	OI EN
AO-0323	Wake Turbulence Separations (for Departures) based on Static Aircraft Characteristics	-	-	SOL OI EN DS ICAO
AO-0324	Wake Turbulence separations (for departures) based on Dynamic Aircraft Characteristics	31-12-2023	31-12-2027	OI EN ICAO
AO-0325	Reduction of Wake Turbulence Risk considering Acceleration of Wake Vortex Decay in Ground Proximity	31-08-2025	31-08-2029	SOL EN DS
AO-0326	Optimisation of Separation Minima on Approach and Departure thanks to European Wake Turbulence Categorisation (RECAT EU)	01-12-2015	01-12-2019	EN ICAO A-TA
AO-0327	Reduction of Wake Turbulence Risk through Wake Risk Monitoring	19-06-2025	31-08-2029	SOL EN DS ICAO
AO-0328	Optimised Runway Delivery on Final Approach	31-12-2025	31-08-2030	SOL OI EN DS ICAO
AO-0329	Optimised Separation Delivery for Departure	31-12-2025	31-08-2030	SOL OI EN DS ICAO

Code	Title	IOC	FOC	Related Elements
AO-0331	Enhanced Arrival Procedure using an Increased Glide Slope to a Second Runway Aiming Point (IGS-to-SRAP)	31-08-2026	31-08-2030	SOL EN DS
AO-0333	Improved Approach procedures into Secondary Airports in Low Visibility Conditions	19-10-2022	31-12-2026	SOL EN DS
AO-0403	Optimised Dependent Parallel Operations	-	-	EN OBJ
AO-0501	Improved Operations in Adverse Conditions through Airport Collaborative Decision Making	31-12-2007	31-12-2011	EN OBJ ICAO
AO-0502	Improved Operations in Low Visibility Conditions	31-12-2020	31-12-2024	EN
AO-0505-A	Improve Low Visibility Operation using GBAS Cat II/III based on GPS L1	31-12-2025	31-12-2035	SOL OI EN OBJ DS ICAO A-TA
AO-0505-B	Improve Low Visibility Operation using GBAS Cat II/III based on dual GNSS	19-10-2028	31-12-2032	OI EN
AO-0601	Improved Turn-Round Process through Collaborative Decision Making	26-06-2010	26-06-2014	EN OBJ ICAO
AO-0602	Collaborative Pre-departure Sequencing	26-06-2010	26-06-2014	OI EN OBJ DS PCP ICAO
AO-0603	Improved De-icing Operation through Collaborative Decision Making	26-06-2010	26-06-2014	EN OBJ ICAO
AO-0703	Aircraft Environmental Impact Management and Mitigation at and around Airports	31-12-2008	31-12-2014	EN OBJ
AO-0705	Reduced Water Pollution	31-12-2008	31-12-2012	EN OBJ
AO-0706	(Local) Monitoring of Environmental Performance	31-12-2008	31-12-2012	EN OBJ
AO-0801-A	Collaborative Airport Planning Interface	31-12-2020	31-12-2025	SOL OI EN OBJ DS PCP ICAO A-TA
AO-0801-B	Collaborative Airport Planning Interface (AOP fully integrated with NOP & local business rules)	31-12-2027	31-12-2031	SOL OI EN DS
AO-0802-A	A-CDM process enhanced through integration of landside (passenger only) process outputs	31-12-2023	31-12-2027	SOL OI EN DS ICAO
AO-0802-B	A-CDM Process Enhanced through Integration of Landside (passenger and baggage) Process Outputs	31-12-2028	31-12-2032	SOL OI EN DS
AO-0803	Integration of Airports into ATM through Monitoring of Airport Transit View (Extension of Performance Monitoring building on A-CDM)	31-12-2022	31-12-2026	SOL OI EN DS ICAO
AO-0814	Enhancement of Airside/Landside Performance Management	31-12-2028	31-12-2032	SOL EN DS
AO-0818	Extended Turn-round Monitoring	31-12-2028	31-12-2032	SOL OI EN DS
AO-0819	Pro-active Management of Meteorological Impacts	31-12-2028	31-12-2032	SOL EN DS
AO-0820	Pro-active Collaborative Management of Predicted Performance Deterioration via UDPP	31-12-2027	31-12-2031	SOL OI EN DS
AO-0821	Post-Operations Analysis support solutions and reporting capabilities	31-12-2026	31-12-2030	SOL EN DS
AO-0822	Enhancement of Environmental Performance Management	31-12-2028	31-12-2032	SOL EN DS
AO-0824	Network-connected Regional Airports	31-12-2028	31-12-2032	SOL OI EN DS
AO-0825	Pro-active Collaborative Hub Airport / Network Management of Predicted Performance Deterioration	31-12-2027	31-12-2031	EN
AO-0826	Pro-active Collaborative Regional Airport / Network Management of Predicted Performance Deterioration	31-12-2026	31-12-2030	EN
AOM-0101	Uniform Application of 7 ICAO Airspace Classes at FL195 and below	-	-	EN OBJ
AOM-0103	Two Categories of Airspace	31-12-2020	31-12-2024	EN
AOM-0104-A	Enhanced Rotorcraft Operations at VFR FATOs with specific Point-in-Space RNP procedures using satellite augmentation	19-10-2022	31-12-2026	OI EN A-TA
AOM-0104-B	Advanced Point-in-Space RNP approaches and departures	19-10-2022	31-12-2026	SOL OI EN DS
AOM-0201	Moving Airspace Management Into Day of Operation	31-12-2008	31-12-2012	EN OBJ ICAO
AOM-0202	Enhanced Real-time Civil-Military Coordination of Airspace Utilisation	31-12-2019	31-12-2023	OI EN OBJ ICAO
AOM-0202-A	Automated Support for strategic, pre-tactical and tactical Civil-Military Coordination in Airspace Management (ASM).	31-12-2020	31-12-2025	SOL OI EN OBJ DS PCP ICAO A-TA
AOM-0203	Cross-Border Operations Facilitated through Collaborative Airspace Planning with Neighbours	31-12-2007	31-12-2011	OI EN ICAO

Code	Title	IOC	FOC	Related Elements
AOM-0204	Europe-wide Shared Use of Military Training Areas	31-12-2015	31-12-2019	OI EN
AOM-0205	Modular Temporary Airspace Structures and Reserved Areas	31-12-2008	31-12-2012	OI EN OBJ ICAO
AOM-0206-A	Flexible and modular ARES in accordance with the VPA design principle	31-12-2020	01-10-2025	SOL OI EN OBJ DS PCP ICAO AT-A
AOM-0206-B	Sharing real time airspace information with the aircraft	-	-	OI EN
AOM-0208-B	Dynamic Mobile Areas (DMA) of types 1 and 2	31-12-2027	31-12-2033	SOL OI EN DS
AOM-0208-C	Dynamic Mobile Areas (DMA) of type 3	31-12-2028	31-12-2032	SOL OI EN DS
AOM-0209	Integrate Hazard Zones in DAC process	-	-	SOL EN DS
AOM-0301	Harmonised EUROCONTROL ECAC Area Rules for OAT-IFR and GAT Interface	-	-	OI EN OBJ
AOM-0303	Pan-European OAT Transit Service	31-12-2024	31-12-2030	SOL OI EN OBJ DS
AOM-0304-A	Improved and Harmonised OAT Flight Plan	31-12-2026	31-12-2030	SOL OI EN DS
AOM-0304-B	Integrated management of Mission Trajectory in trajectory based operations environment	01-07-2029	31-12-2033	OI EN
AOM-0304-C	Integrated Management of Mission Trajectories in Step 3	31-12-2029	31-12-2035	OI EN
AOM-0401	Multiple Route Options & Airspace Organisation Scenarios	-	-	OI OBJ ICAO
AOM-0402	Further Improvements to Route Network and Airspace incl. Cross-Border Sectorisation and Further Routing Options	-	-	OBJ ICAO
AOM-0404	Optimised Route Network using Advanced RNP	31-10-2020	31-12-2025	SOL EN DS ICAO AT-A
AOM-0500	Direct Routing for flights both in cruise and vertically evolving for cross ACC borders and in high complexity environments.	31-12-2016	31-12-2024	SOL OI EN OBJ DS PCP ICAO AT-A
AOM-0501	Free Routing for Flights both in cruise and vertically evolving within low to medium complexity environments	31-12-2020	01-10-2025	SOL OI EN OBJ DS PCP ICAO AT-A
AOM-0504	Optimum Trajectories in Defined Airspaces at Particular Times	31-12-2009	31-12-2013	EN OBJ ICAO
AOM-0505	Free Routing for Flights both in cruise and vertically evolving within high and very high complexity environments in Upper En Route airspace	31-12-2026	31-12-2030	SOL OI EN OBJ DS PCP ICAO
AOM-0506	Free Routing for Flights both in cruise and vertically evolving within high-complexity environments in Lower En Route airspace	31-12-2026	31-12-2030	SOL OI EN DS
AOM-0601	Terminal Airspace Organisation Adapted through Use of Best Practice	-	-	SOL OI EN OBJ DS
AOM-0602	Enhanced terminal operations with APV using Barometric VNAV	31-12-2020	31-12-2024	SOL OI EN OBJ DS ICAO
AOM-0603	Enhanced Terminal Airspace for RNP-based Operations	31-12-2019	31-12-2023	SOL OI EN OBJ DS PCP ICAO AT-A
AOM-0604	Enhanced terminal operations with LPV using SBAS	19-10-2022	31-12-2026	SOL OI EN OBJ DS ICAO
AOM-0605	Enhanced Terminal Operations with RNP transition to ILS/GLS/LPV	31-12-2020	31-12-2026	SOL OI EN OBJ DS PCP ICAO AT-A
AOM-0606	Enhanced Parallel Approach Operations using PBN/RNP transitions to xLS	31-12-2007	31-12-2013	SOL OI EN DS ICAO
AOM-0607	Enhanced Terminal Area for Efficient Curved Operations	25-11-2031	31-12-2036	SOL EN DS
AOM-0608	Enhanced Parallel Approach Operations using PBN/RNP transitions to RNP (for at least one runway)	31-12-2019	31-12-2023	EN
AOM-0701	Continuous Descent Approach (CDA)	-	-	OI OBJ ICAO

Code	Title	IOC	FOC	Related Elements
AOM-0702-A	Continuous Descent Operations (CDO)	01-07-2017	01-07-2021	SOL OI EN OBJ DS ICAO A-A
AOM-0702-B	Advanced Continuous Descent Operations	31-12-2026	31-12-2032	SOL OI EN DS
AOM-0703	Continuous Climb Departure	-	-	OI EN OBJ ICAO
AOM-0705-B	Advanced Continuous Climb Operations	31-12-2026	31-12-2032	SOL OI EN DS A-A
AOM-0801	Flexible Sectorisation Management	31-12-2006	31-12-2010	EN OBJ ICAO
AOM-0802	Modular Sectorisation Adapted to Variations in Traffic Flows	31-12-2007	31-12-2011	EN OBJ ICAO
AOM-0803	Dynamically Shaped Sectors Unconstrained By Predetermined Boundaries	-	-	
AOM-0805	Collaborative Airspace Configuration	24-03-2028	24-03-2032	SOL EN DS
AOM-0806	Dynamic Management of Terminal Airspace Routes and Transition	31-12-2026	31-12-2032	SOL EN DS
AOM-0807	Dynamic Management of Sectors in Terminal Airspace	31-12-2026	31-12-2032	OI EN
AOM-0809-A	Initial Sector Design and Configurations Unconstrained by Predetermined Boundaries	31-12-2023	31-12-2027	SOL EN DS
AOM-0809-B	Advanced Sector Design and Configurations Unconstrained by Predetermined Boundaries	31-12-2026	31-12-2032	EN
AOM-0810	Integration into the TMA route structure of optimised Low-Level IFR route network for rotorcraft using RNP-1/RNP-0.3	31-12-2020	31-12-2026	SOL EN OBJ DS
AUO-0101	ATFM Slot Swapping	31-12-2007	31-12-2011	OI EN ICAO
AUO-0101-A	Enhanced ATFM Slot Swapping	31-12-2017	31-12-2025	SOL OI EN OBJ DS ICAO A-A
AUO-0103	UDPP-Departure	31-12-2021	31-12-2025	SOL OI EN DS ICAO A-A
AUO-0106	Re-prioritising flights during Execution	31-12-2026	31-12-2032	SOL EN DS
AUO-0107	Prioritisation for Low Volume Users in a Constraint	31-12-2026	31-12-2032	SOL EN DS
AUO-0108	Most Penalizing Delay based on reconciliation between DCB and Airport CDM	31-12-2023	31-12-2024	SOL EN DS
AUO-0109	UDPP for Airport constraints	31-12-2027	31-12-2032	SOL EN DS
AUO-0110	UDPP for Network constraints	31-12-2026	31-12-2032	SOL EN DS A-A
AUO-0201	Enhanced Flight Plan Filing Facilitation	31-12-2011	31-12-2015	OI EN ICAO
AUO-0203	EFPL in NM processes	01-07-2022	01-07-2026	SOL OI EN OBJ DS PCP ICAO
AUO-0203-C	Shared Business / Mission Trajectory (SBT) in Step 3	-	-	
AUO-0204-C	Agreed Reference Business and Mission Trajectories	-	-	EN
AUO-0206	FOC Management of the Reference Business Trajectory	31-12-2027	31-12-2031	OI EN
AUO-0207	Preliminary flight planning	31-12-2024	31-12-2030	SOL EN DS ICAO
AUO-0208	Use of Simple AU Preferences in DCB Processes	-	-	SOL EN DS
AUO-0210	Participation in CDM through iSMT and Target Time (TTO) negotiation	31-12-2027	31-12-2033	SOL EN DS
AUO-0211	WOC Management of iRMT via improved OAT FPL	31-12-2027	31-12-2033	SOL EN DS
AUO-0212	WOC Management of RMT	31-12-2029	31-12-2033	EN
AUO-0213	SMT including military user preferences associated to meteo	31-12-2029	31-12-2033	EN
AUO-0214	SMT including user preferences and mission trajectory information for DCB processes	31-12-2027	31-12-2033	EN
AUO-0215	Sharing iSMT through improved OAT flight plan	31-12-2026	31-12-2030	SOL EN DS
AUO-0216	Shared Mission Trajectory Data	31-12-2027	31-12-2033	EN
AUO-0219	Use of Enriched DCB Information and Enhanced What-ifs to Improve AU Flight Planning	31-12-2027	31-12-2033	SOL EN DS ICAO

Code	Title	IOC	FOC	Related Elements
AUO-0220	Linking of SBTs pertaining to the same aircraft	31-12-2026	31-12-2032	EN
AUO-0221	Agreement on RBT (associated to tolerances)	31-12-2026	31-12-2032	EN
AUO-0223	Harmonised and improved integration of airspace and ATC constraints/procedures in trajectories calculated by FOCs and NM	31-12-2026	31-12-2033	SOL EN DS ICAO
AUO-0225	Enhanced Target time management by the use of eFPL	31-12-2026	31-12-2032	SOL EN DS ICAO
AUO-0226	SBT/RBT: Exchange of eFPL with ATC	31-12-2026	31-12-2030	SOL EN DS ICAO
AUO-0227	Agreed iRBT: Exchange of ATFCM measures with ATC	31-12-2026	31-12-2030	EN DS ICAO
AUO-0228	Agreed iRMT	01-07-2022	01-07-2026	SOL EN DS
AUO-0229	Harmonised and improved integration of AOP/NOP departure information in trajectories calculated by FOCs and NM	31-12-2026	31-12-2032	SOL EN DS
AUO-0301	Voice Controller-Pilot Communications (En-Route) Complemented by Data Link	31-12-2011	31-12-2017	EN OBJ ICAO
AUO-0303-C	Revision of reference business/mission trajectory (RBT) using datalink: performance based implementation.	31-12-2020	31-12-2026	EN
AUO-0308-A	Datalink Services used for Provision of Ground-related Clearances and Information (D-TAXI)	31-12-2022	31-12-2026	SOL OI EN DS ICAO A A
AUO-0308-B	Datalink Services used for Provision of Ground-related Clearances and Information for trajectory based operations	31-12-2028	31-12-2032	SOL OI EN DS ICAO
AUO-0309	Revision of Reference Business/Mission Trajectory (RBT) using datalink (aircraft on airport surface)	31-12-2028	31-12-2032	EN
AUO-0401	Airborne Traffic Situational Awareness on the Airport Surface (ATSA-SURF)	31-12-2015	31-12-2019	EN ICAO A A
AUO-0402	Air Traffic Situational Awareness (ATSAW) during Flight Operations (AIRB)	31-12-2015	31-12-2021	EN ICAO
AUO-0403	Reducing Landing Minima in Low Visibility Conditions using Enhanced Flight Vision Systems (EFVS)	31-12-2017	31-12-2023	SOL OI EN DS
AUO-0404	Synthetic Vision for the Pilot in Low Visibility Conditions	31-12-2026	31-12-2030	OI EN
AUO-0405	Equivalent Visual Landing operations in Low Visibility Conditions with Head Mounted Display	30-09-2023	01-10-2029	SOL EN DS
AUO-0406	Equivalent Visual Taxi operations in Low Visibility Conditions	30-09-2023	30-09-2029	SOL EN DS
AUO-0407	Equivalent Visual Take-Off operations in Low Visibility Conditions	-	-	EN
AUO-0502	Enhanced Visual Separation on Approach (ATSA-VSA)	31-12-2015	31-12-2021	OI EN ICAO
AUO-0503	In-trail Procedure in Oceanic Airspace (ATSA-ITP)	31-12-2015	31-12-2021	OI EN ICAO
AUO-0504	Dynamic Adjustment of Spacing Depending on Wake Turbulences	31-12-2023	31-08-2029	EN
AUO-0505	Improved Air safety using data exchange via e.g. ADS-B for Wake Turbulence prediction	31-12-2029	31-12-2035	EN
AUO-0506	Improved Air safety using on-board detection via e.g. LIDAR of Wake Turbulence detection	31-12-2020	31-12-2026	EN
AUO-0507	Airborne Spacing Monitoring under IFR (ATSAW - Spacing monitoring)	31-12-2025	31-12-2031	SOL OI EN DS ICAO A A
AUO-0603-A	Guidance Assistance to Aircraft on the Airport Surface Combined with Routing	19-10-2019	31-12-2023	SOL EN DS ICAO A A
AUO-0603-B	Guidance Assistance to Aircraft on the Airport Surface Combined with Routing for trajectory based operations	19-10-2027	31-12-2031	SOL EN DS ICAO
AUO-0604	Enhanced Airport Traffic Predictability through Taxi Speed Optimization	31-12-2023	31-12-2031	EN
AUO-0605	Traffic Alerts for Pilots during Runway Operations	08-08-2024	30-07-2029	SOL EN DS ICAO
AUO-0607	Improved Aircraft Protection on the Airport Surface	31-12-2023	31-12-2031	EN
AUO-0608	Enhanced Airport Safety Nets through Auto-brake during Taxi phase	31-12-2026	31-12-2032	EN
AUO-0613	Enhanced navigation and accuracy in LVC on the airport surface	-	-	-
AUO-0614	Conformance Monitoring Safety Nets for Pilots	19-10-2027	31-12-2031	SOL EN DS
AUO-0615	Traffic Alerts for Pilots during Taxiway Operations	08-08-2024	30-07-2029	SOL EN DS
AUO-0616	Improved Safety with Better Prevention of Runway Excursions for Pilots	19-10-2026	31-12-2031	SOL EN DS

Code	Title	IOC	FOC	Related Elements
AUO-0617	Enabling Integrated RPAS Surface Operations	31-12-2026	31-12-2032	SOL EN DS
AUO-0618	Enabling integrated RPAS IFR operations	31-12-2026	31-12-2032	SOL EN DS
AUO-0701	Use of Runway Occupancy Time (ROT) Reduction Techniques	-	-	OBJ
AUO-0703	Optimised Enhanced Braking Information at a Pre-selected Runway Exit Coordinated with Ground ATC by Datalink	13-03-2024	31-12-2028	EN 
AUO-0704	Enhanced Prediction of Arrival Runway Occupancy Time (ROT)	31-08-2026	31-08-2030	SOL EN DS
AUO-0705	Enhanced arrival runway occupancy time thanks to efficient runway turn-off	-	-	
AUO-0706	Enhanced departure runway occupancy time thanks to efficient line-up and take-off	-	-	
AUO-0805	Incorporation of Autonomous Engine-off Taxiing into surface operations	-	-	EN
AUO-0806	Incorporation of Non-Autonomous Engine-off Taxiing into surface operations	-	-	EN
CM-0101	Automated Support for Traffic Load (Density) Management	-	-	OI EN OBJ ICAO
CM-0102-A	Dynamic Sectorisation based on complexity	-	-	SOL OI EN OBJ DS PCP ICAO 
CM-0102-B	Dynamic Airspace Management based on complexity	31-12-2023	31-12-2031	SOL OI EN DS
CM-0103-A	Automated Support for Traffic Complexity Assessment	31-12-2020	01-10-2025	SOL OI EN OBJ DS PCP ICAO 
CM-0103-B	Automated Support for Traffic Complexity Assessment	06-07-2018	06-07-2024	SOL OI EN DS
CM-0104-A	Automated Controller Support for Trajectory Management during the planning phase	31-12-2023	31-12-2027	SOL OI EN DS ICAO 
CM-0104-B	Automated support to INAP (Integrated Network Management and Extended ATC Planning) function	31-12-2027	31-12-2031	SOL OI EN DS
CM-0106	Initial support to INAP - basic EAP (Extended ATC Planning) function	31-12-2023	31-12-2027	SOL OI EN DS
CM-0200-B	Flight-centric ATC in Non-Geographically-Constrained, Low and Medium complexity environments	-	-	SOL OI EN DS
CM-0200-C	Flight-centric ATC in Non-Geographically-Constrained High and very High Complexity environment	-	-	SOL OI EN DS
CM-0200-D	Flight-centric flow-based ATC in TMA	-	-	EN
CM-0201	Automated Assistance to Controller for Seamless Coordination, Transfer and Dialogue	-	-	SOL OI EN OBJ DS ICAO
CM-0201-A	Automated Assistance to Controller for Seamless Coordination, Transfer and Dialogue through improved trajectory data sharing	31-12-2023	31-12-2027	SOL OI EN OBJ DS PCP ICAO 
CM-0202	Automated Assistance to ATC Planning for Preventing Conflicts in En-Route Airspace	-	-	SOL OI EN OBJ DS
CM-0203	Automated Flight Conformance Monitoring	31-12-2010	31-12-2014	SOL OI EN OBJ DS
CM-0205	Advanced support for Conflict Detection and Resolution by Tactical Controller in En Route	-	-	SOL OI EN OBJ DS ICAO 
CM-0206	Conflict Detection and Resolution in the TMA using trajectory data	31-12-2026	31-12-2030	SOL OI EN DS ICAO
CM-0207-A	Advanced Automated Ground Based Flight Conformance Monitoring in En-Route	31-12-2020	31-12-2024	SOL OI EN OBJ DS ICAO 
CM-0207-B	Automated Ground Based Flight Conformance and Intent Monitoring in En-Route Improved With Aircraft Downlinked Data	-	-	SOL OI EN DS
CM-0208-A	Automated Ground Based Flight Conformance Monitoring in the TMA	09-12-2026	09-12-2030	SOL OI EN DS ICAO 
CM-0208-B	Automated Ground Based Flight Conformance and Intent Monitoring in the TMA	-	-	SOL OI EN DS





Code	Title	IOC	FOC	Related Elements
CM-0209	Conflict Detection and Resolution in En-Route using enhanced ground predicted trajectory in Predefined and User Preferred Routes environments	09-12-2026	09-12-2030	SOL OI EN DS ICAO
CM-0209-b	Conflict Detection and Resolution in En-Route using aircraft data in Predefined and User Preferred Routes environments	30-12-2029	30-12-2033	SOL OI EN DS
CM-0210	Ground Based Flight Conformance Monitoring in En-Route using enhanced ground predicted trajectory	09-12-2026	09-12-2030	SOL OI EN DS ICAO
CM-0210-b	Ground Based Flight Conformance Monitoring in En-Route using aircraft Data	30-12-2029	30-12-2033	SOL OI EN DS
CM-0211	Advanced Support for Conflict Detection and Resolution for ATC planning in En Route	-	-	SOL OI EN DS
CM-0301	Sector Team Operations Adapted to New Responsibilities in En-Route, 1Planning to 2Tactical Controllers team structure	31-12-2016	31-12-2020	SOL OI EN OBJ DS A-A
CM-0302	Ground based Automated Support for Managing Traffic Complexity Across Several Sectors	31-12-2027	31-12-2031	SOL OI EN DS
CM-0303	Sector Team Operations Adapted to New Responsibilities in En-route, 1 Planning to several Tactical Controllers team structure	30-09-2026	30-09-2030	SOL OI EN DS A-A
CM-0304	Sector Team Operations Adapted to New Responsibilities in the TMA/eTMA, 1 Planning to several Tactical Controllers team structure	30-09-2026	30-09-2030	SOL EN DS A-A
CM-0306	Sector Team Operations Adapted to New Responsibilities and Operating Procedures involving reduced Coordination in En-Route and TMA-En Route interface airspace	31-12-2024	31-12-2028	SOL OI EN DS
CM-0307	Sector Team Operations Adapted to New Responsibilities in En-route, Single Person Operation	31-12-2028	31-12-2032	EN A-A
CM-0308	Sector Team Operations Adapted to New Responsibilities in TMA/eTMA, Single Person Operation	31-12-2028	31-12-2032	EN A-A
CM-0309	Sector Team Operations Adapted to Collaborative Operating Procedures involving reduced tactical co-ordination in the TMA	31-12-2027	31-12-2031	SOL EN DS
CM-0310	Sector Team Operations Adapted to Collaborative Operating Procedures involving reduced tactical co-ordination in En-Route	31-12-2027	31-12-2031	SOL EN DS
CM-0407	Enhanced Conflict Detection and Resolution in En-Route	31-12-2023	31-12-2027	SOL OI EN DS
CM-0408	Enhanced Conflict Detection and Resolution in the TMA	31-12-2023	31-12-2027	SOL OI EN DS
CM-0501	4D Contract for Equipped Aircraft with Extended Clearance PTC-4D	31-12-2025	31-12-2029	OI EN
CM-0604	Separation Management using RBTs with 3D RNP Specifications	20-04-2026	31-12-2031	OI EN
CM-0605	Separation Management in En-Route using Pre-defined or User-preferred Routes with 2D RNP Specifications	31-12-2024	31-12-2028	OI EN A-A
CM-0606	Separation Management in the TMA using Pre-defined Routes with 2D RNP Specifications	19-10-2022	31-12-2027	OI EN A-A
CM-0607	Separation Management in En-Route using RBTs with 2D RNP Specifications	31-12-2028	31-12-2032	SOL OI EN DS
CM-0608	Separation Management in the TMA using RBTs with 2D RNP Specifications	31-12-2028	31-12-2032	SOL OI EN DS
CM-0701	Ad Hoc Delegation of Separation to Flight Deck - In Trail Follow & In trail Merge Procedure (ASEP-ITF & ITM)	31-12-2020	31-12-2026	SOL OI EN
CM-0702	Ad Hoc Delegation of Separation to Flight Deck - Crossing and Passing (C&P)	-	-	OI EN
CM-0704	Self Separation in Mixed Mode	31-12-2037	31-12-2041	EN
CM-0801	Ground Based Safety Nets (TMA, En-Route)	31-12-2006	31-12-2010	EN OBJ ICAO
CM-0802	Display and use of ACAS resolution advisory downlink on the controller working position	31-12-2019	31-12-2023	SOL EN DS ICAO A-A
CM-0803	Reduction of spurious TCAS RA (Resolution Advisory) and automation of RA maneuver	31-12-2011	31-12-2017	SOL OI EN DS ICAO
CM-0805	Short Term Conflict Alert Adapted to New Separation Modes	-	-	EN
CM-0806-B	Improved Compatibility between STCA and ACAS	-	-	OI EN
CM-0806-C	Improved Compatibility between Ground and Airborne Safety Nets	-	-	OI
CM-0807-A	Enhanced Short Term Conflict Alert using Mode S EHS data	31-12-2015	31-12-2027	SOL OI EN OBJ DS ICAO A-A
CM-0807-B	Enhanced Ground-based Safety Nets Using ADS-B information	31-12-2011	31-12-2017	OI EN

Code	Title	IOC	FOC	Related Elements
CM-0808-a	Improved Collision Avoidance for commercial air transport in standard operations (ACAS Xa)	31-12-2025	31-12-2035	SOL OI EN DS ICAO
CM-0808-o	Collision Avoidance for commercial air transport Adapted to New Separation Modes	31-12-2020	31-12-2026	SOL OI EN DS ICAO
CM-0808-p	Collision Avoidance for General Aviation and Rotorcraft (ACAS Xp)	-	-	SOL DS ICAO
CM-0808-u	Collision Avoidance for Remotely Piloted Aircraft	-	-	SOL OI DS ICAO
CM-0811	Enhanced STCA for TMA specific operations	31-12-2017	31-12-2027	SOL EN OBJ DS ICAO
CM-0812	Non Transgression Zone (NTZ) ground safety net using DAPs information via ADS-B technology	-	-	SOL DS
CM-0813	Non Transgression Zone (NTZ) ground Safety Net using DAPs information via Mode-S technology	-	-	SOL DS
CM-0814	Enhanced Short Term Conflict Alert (STCA) ground Safety Net using DAPs information via ADS-B technology	-	-	SOL DS
CM-0815	Enhanced Short Term Conflict Alert (STCA) ground Safety Net using DAPs information via Mode-S technology	-	-	SOL DS
CNS-0001-A	Rationalisation of COM systems/infrastructure	31-12-2019	31-12-2017	EN DS
CNS-0001-B	Rationalisation of COM systems/infrastructure for SESAR2020 Wave 1	31-12-2029	31-12-2035	SOL EN DS
CNS-0002-A	Rationalisation of NAV systems/infrastructure	31-12-2020	31-12-2024	EN DS
CNS-0002-B	Rationalisation of NAV systems/infrastructure for Step2	31-12-2023	31-12-2027	SOL EN DS
CNS-0003-A	Rationalisation of SUR functionalities and/or technologies for CNS systems supporting cost efficiency, spectrum efficiency, etc.	12-09-2018	12-09-2022	EN DS
CNS-0003-B	Rationalisation of SUR systems/infrastructure for Step2	08-06-2030	08-06-2034	SOL EN DS
DCB-0101	Enhanced Seasonal NOP Elaboration	31-12-2007	31-12-2011	EN ICAO
DCB-0102	Interactive Rolling NOP	31-12-2009	31-12-2013	OI EN OBJ ICAO
DCB-0103-A	Initial collaborative NOP	01-07-2022	01-07-2027	SOL OI EN OBJ DS PCP ICAO
DCB-0103-B	Collaborative NOP	31-12-2026	31-12-2032	SOL OI EN DS
DCB-0103-C	Collaborative NOP fully performance driven	-	-	OI
DCB-0201	Interactive Network Capacity Planning	31-12-2007	31-12-2011	EN OBJ ICAO
DCB-0203	Enhanced ASM/ATFCM Coordinated Process	31-12-2008	31-12-2012	OI EN OBJ ICAO A-A
DCB-0204	ATFCM Scenarios	31-12-2008	31-12-2012	EN ICAO
DCB-0205	Short Term ATFCM Measures	31-12-2016	31-12-2020	OI EN OBJ ICAO
DCB-0206	Co-ordinated Network Management Operation extended until the Day of operation	31-12-2007	31-12-2011	EN ICAO
DCB-0207	Management of Critical Events	31-12-2012	31-12-2016	EN ICAO
DCB-0208	DCB in a trajectory management context	31-12-2026	31-12-2032	SOL OI EN OBJ DS PCP ICAO
DCB-0210	Full integration of Dynamic Airspace Configurations into DCB	31-03-2028	31-03-2034	SOL OI EN DS
DCB-0211	Traffic & Demand Forecast in 4D trajectory Management Context	-	-	SOL OI EN DS ICAO
DCB-0212	Network Performance Assessment for Distributed Network Operation	31-12-2018	31-12-2022	SOL EN DS
DCB-0213	Consolidation and facilitation of Target Times between local DCB, Airport CDM and Extended Arrival Management	31-12-2027	31-12-2031	SOL OI EN DS ICAO
DCB-0214	DCB What-if Network Impact Assessment	30-08-2026	30-08-2030	SOL EN DS

Code	Title	IOC	FOC	Related Elements
DCB-0215	Consolidation of imbalances and arbitration of Trajectory Management solutions	01-04-2023	01-07-2027	SOL EN DS
DCB-0217	DCB Support to FF-ICE	31-12-2027	31-12-2031	SOL EN DS
DCB-0301	Improved Consistency between Airport Slots and Flight Plans	31-12-2012	31-12-2016	OI EN ICAO
DCB-0302	Collaborative Management of Flight Updates	31-12-2007	31-12-2011	OI EN ICAO
DCB-0304	Improved Integration of Regional Airports into the Network	31-12-2017	31-12-2029	SOL OI EN OBJ DS ICAO
DCB-0308	Advanced Short Term ATFCM	31-12-2020	01-10-2025	SOL OI EN OBJ DS PCP ICAO
DCB-0310	Improved Efficiency in the Management of Airport and ATFCM Planning	31-12-2021	31-12-2025	SOL OI EN DS ICAO
IS-0101	Improved Flight Plan Consistency Pre-Departure	30-01-2009	30-01-2013	EN
IS-0102	Improved Management of Flight Plan After Departure	31-12-2011	31-12-2015	EN OBJ ICAO
IS-0201	Integrated Pre-Flight Briefing	31-12-2007	31-12-2011	OI EN OBJ ICAO
IS-0202	Improved Supply Chain for Aeronautical Data through Common Quality Measures	31-12-2006	31-12-2010	EN OBJ ICAO
IS-0204	Facilitated Aeronautical Data Exchanges through Digitalised/Electronic Information	31-12-2024	31-12-2030	OI EN OBJ ICAO
IS-0205	Digital Integrated Briefing for pre-flight phase	31-12-2023	31-12-2030	SOL OI EN OBJ DS ICAO
IS-0206	Digital Integrated Briefing during flight execution phase	31-12-2026	31-12-2032	OI EN
IS-0207	Automated semantic analysis of digital aeronautical and weather information updated	31-12-2026	31-12-2032	EN
IS-0302	Use of Aircraft Derived Data (ADD) to enhance ATM ground system performance.	31-12-2022	31-12-2017	EN
IS-0303-A	Downlink of on-board 4D trajectory data to enhance ATM ground system performance: initial and time based implementation	31-12-2022	31-12-2027	SOL EN DS PCP ICAO
IS-0303-C	Use of on-board 4D trajectory data to enhance ATM ground system performance: performance based implementation	-	-	
IS-0305	Automatic RBT Update through TMR	31-12-2015	31-12-2019	EN
IS-0401	Automatic Terminal Information Service Provision through Use of Datalink	31-12-2007	31-12-2013	OI EN
IS-0402	Extended provision of Terminal Information using datalink	19-09-2029	01-12-2033	OI EN
IS-0406	Aircraft Dissemination of Information on Weather Hazards to Other Aircraft	31-12-2029	31-12-2035	EN
IS-0408	Provision of FIS/TIS information to General Aviation during flight	19-10-2028	31-12-2032	SOL EN DS
IS-0710	Air-Air Exchange services	-	-	
IS-0901-A	SWIM for sharing G/G data, traffic flow management information and aeronautical information	31-12-2023	31-12-2029	SOL OI EN OBJ DS PCP ICAO
IS-0901-B	SWIM Infrastructure for G/G data sharing and initial A/G Data sharing	31-12-2027	31-12-2033	SOL OI EN DS ICAO
IS-0901-C	SWIM for improved integration of SWIM profiles and expanded sharing of A/G Data	31-12-2027	31-12-2031	SOL OI EN DS ICAO
MET-0101	Enhanced MET observations, nowcasts and forecasts provided by ATM-MET systems for planning and near term services	31-12-2022	31-12-2026	SOL OI EN OBJ DS PCP ICAO
MET-0201	Enhanced MET observations, nowcasts and forecasts provided by ATM-MET systems for Step 2	31-12-2026	31-12-2032	OI EN
MET-0301	Enhanced MET observations, nowcasts and forecasts provided by ATM-MET systems for Step 3	-	-	OI EN
POI-0001-MET	Improved Weather Awareness through Enhanced Automated MET observation	31-10-2029	31-10-2033	SOL EN DS
POI-0002-SDM	Supporting rationalisation of infrastructure by using the Virtual Centre concept	31-12-2029	31-12-2038	SOL EN DS

Code	Title	IOC	FOC	Related Elements
POI-0003-SDM	Improving controller productivity by introducing new methods of controller interaction.	31-12-2029	31-12-2033	SOL EN DS
POI-0004-SDM	Optimisation of Controller Working Position environment supported by geographically separated environment.	31-12-2029	31-12-2033	SOL EN DS
POI-0005-CNS	Performance Based Surveillance Monitoring	08-06-2030	08-06-2034	SOL EN DS
POI-0006-CNS	Low Radio Frequency Impact Surveillance	31-12-2024	31-12-2028	SOL EN DS
POI-0007-CNS	Enhanced Integrity Surveillance	31-12-2024	31-12-2028	SOL EN DS
POI-0008-MET	Provision of MET data as SWIM services (Yellow Profile) relevant for Aerodrome and TMA	31-10-2029	31-10-2033	SOL EN DS
POI-0009-MET	Provision of MET data as SWIM services (Yellow Profile) relevant for En-route and Network operations	31-12-2026	31-12-2032	SOL EN DS
POI-0010-MET	MET data as SWIM services (Purple Profile) for on-board usage	01-12-2027	01-12-2033	SOL EN DS
POI-0011-IS	Downlink of on-board 4D trajectory data to enhance NM system performance	-	-	SOL DS
POI-0012-IS	ATC Planned Trajectories improvement with new ADS-C reports, eFPL and surveillance information	31-12-2026	31-12-2030	SOL EN DS
POI-0013-IS	Improving the Tactical Trajectory by using ADS-C Data	-	-	SOL DS
POI-0014-IS	Extension of the Quality of Service at SWIM-TI profile level to support SWIM-TI exchanges between civil and military SWIM-Enabled Applications in the scope of civil-military cooperation and coordination (Green Profile)	31-12-2027	31-12-2033	SOL EN DS
POI-0015-COM	ATM Future Communication Infrastructure Network	31-12-2028	31-12-2032	SOL EN DS
POI-0016-IS	Basic IOP for G/G data sharing between En-Route ATC centres	31-12-2023	31-12-2027	SOL EN DS
POI-0017-IS	SWIM technical infrastructure for Air-Ground advisory information sharing (Purple Profile)	31-12-2028	31-12-2034	SOL EN DS
POI-0018-COM	SatCOM Class B for ATM	19-10-2022	31-12-2026	SOL EN DS
POI-0019-COM	SatCOM Class A for ATM	-	-	SOL EN DS
POI-0020-SDM	ATC Flight Data Exchange with NM and TMA Using Flight Object	31-12-2024	31-12-2028	SOL EN DS
POI-0021-AUO	Improved navigation using Dual-Frequency Multi-Constellation (DFMC GNSS)	19-10-2028	31-12-2032	SOL EN DS
POI-0022-COM	ATM High Performance Terrestrial Data Link	31-12-2028	31-12-2032	SOL EN DS
POI-0023-COM	ATM Air to Air High Performance Datalink	31-12-2029	31-12-2035	SOL EN DS
POI-0024-NAV	Increased flexibility in airspace usage through GBAS	31-12-2027	31-12-2031	SOL EN DS
POI-0025-NAV	GBAS applicability to challenging operational environments in LVC	31-12-2029	31-12-2033	SOL EN DS
POI-0026-NAV	GAST D applicability to Equatorial and Nordic regions	31-12-2029	31-12-2033	SOL EN DS
POI-0027-NAV	Enhanced interoperability and efficiency of GBAS infrastructure (operation and maintenance)	31-12-2029	31-12-2033	SOL EN DS
POI-0028-NAV	Improved GBAS robustness and performance using DFMC GNSS	31-12-2026	31-12-2030	SOL EN DS
POI-0029-COM	ATM High Performance Airport Datalink	-	-	SOL EN DS
POI-0030-AUO	Enhanced Positioning for Airport Surface Navigation	-	-	SOL DS
POI-0032-NAV	Increase Performance Based Navigation robustness (Short-Term Solution)	-	-	SOL DS
POI-0036-SUR	Reduction of RF spectrum use by airborne surveillance systems	31-12-2020	31-12-2026	SOL OI EN DS
SDM-0101	Network Performance Assessment	31-12-2012	31-12-2016	EN ICAO
SDM-0102	Civil-Military Cooperation Performance Assessment	31-12-2011	31-12-2015	EN ICAO
SDM-0201	Remotely Provided Air Traffic Service for Single Aerodrome	31-12-2020	31-12-2024	SOL OI EN OBJ DS ICAO
SDM-0202	Transfer of Area of Responsibility for Trajectory Management	31-12-2027	31-12-2031	EN
SDM-0203	Generic' (non-geographical) Controller Validations	-	-	SOL DS
SDM-0204	Remotely Provided Air Traffic Service for Contingency Situations at Small to Medium Aerodromes (with a Single Main Runway)	17-01-2021	17-01-2025	SOL OI EN OBJ DS ICAO
SDM-0205	Remotely Provided Air Traffic Services for Two Low-density Aerodromes	15-11-2019	15-11-2023	SOL OI EN OBJ DS ICAO

Code	Title	IOC	FOC	Related Elements
SDM-0206	Remotely Provided Air Traffic Service for Contingency Situations at Large Airports (with Several Runways)	31-12-2026	31-12-2031	OI EN
SDM-0207	Remotely Provided Air Traffic Service for Multiple Aerodromes (up to 3 aerodromes)	30-06-2027	30-06-2031	SOL OI EN DS ICAO
SDM-0210	Highly Flexible Allocation of Aerodromes to Remote Tower Modules	-	-	SOL OI EN DS
SDM-0211	Air Traffic Service Provided to Two Airports, One Local and One Remote	31-12-2026	31-12-2031	OI EN
SDM-0212	Air Traffic Service Provided to Several Airports, One Local and more than One Remote	31-12-2026	31-12-2031	OI EN
SDM-0213	Enhanced A/G data exchanges for Trajectory Based Operations (TBO)	-	-	SOL DS
SDM-0214	Improved trajectory management based on enhanced G/G data sharing among ATC and Network Management.	-	-	SOL DS
SDM-0215	Enhanced ATC and airborne operation using datalink for Trajectory Based Operations (TBO)	31-12-2030	31-12-2034	SOL EN DS
SDM-0216	Improved ATC procedures based on enhanced G/G data sharing among ATC centres and NM	31-12-2024	31-12-2030	SOL EN DS
SDM-0217	Delegation and/or contingency of airspace.	-	-	SOL DS
SDM-0301	Improved Capacity and Safety of Runway Operations at Secondary Airports in Low Visibility Conditions	31-12-2029	31-12-2033	SOL EN DS
SDM-0401	Sub-Regional DCB Common Service (Business Improvement)	31-12-2023	31-12-2029	SOL OI EN DS
SDM-0402	E-AMAN Common Service (Business Improvement)	31-12-2026	31-12-2030	SOL OI EN DS
SDM-0403	Trajectory Prediction Common Service (Business Improvement)	-	-	SOL OI DS
SDM-0405	Static Aeronautical Data Common Service (Business Improvement)	-	-	SOL OI DS
SDM-0406	Aeronautical Digital Map Common Service (Business Improvement)	20-12-2025	20-12-2029	SOL OI EN DS
TS-0102	Basic Arrival Management Supporting TMA Improvements (incl. CDA, P-RNAV)	15-05-2019	15-05-2023	SOL OI EN OBJ DS ICAO
TS-0103	Controlled Time of Arrival (CTA) in medium density/complexity environment	31-12-2022	31-12-2026	SOL OI EN DS ICAO A-TA
TS-0108	Airborne Spacing Flight Deck Interval management (speed/more complex route geometries) in high density environments	25-11-2029	31-12-2034	SOL EN DS ICAO A-TA
TS-0109	Controlled Time of Arrival (CTA) in high density/complexity environment	31-12-2023	31-12-2028	SOL OI EN DS ICAO A-TA
TS-0201	Basic Departure Management (Pre-departure Management)	31-12-2010	31-12-2014	SOL OI EN OBJ DS PCP
TS-0202	Pre-Departure Sequencing supported by Route Planning	31-12-2019	31-12-2023	SOL OI EN OBJ DS ICAO A-TA
TS-0203	Departure Management supported by Route Planning and Monitoring	31-12-2019	31-12-2023	OI EN DS PCP ICAO
TS-0301	Integrated Arrival Departure Management for Full Traffic Optimisation on the Runway	31-08-2026	31-08-2030	SOL EN DS ICAO
TS-0302	Departure Management from Multiple Airports	31-12-2028	31-12-2032	SOL EN DS
TS-0303	Arrival Management into Multiple Airports	31-12-2022	31-12-2026	SOL OI EN DS ICAO A-TA
TS-0305	Arrival Management Extended to En-Route Airspace	-	-	OI EN OBJ ICAO A-TA
TS-0305-A	Arrival Management Extended to En-Route Airspace - single TMA	31-12-2021	31-12-2025	SOL OI EN OBJ DS PCP ICAO A-TA
TS-0305-B	Arrival Management Extended to En-Route Airspace - impact of overlapping AMAN operations for En Route ATC	31-12-2028	31-12-2032	SOL OI EN DS
TS-0307	Integrated Arrival Departure Management for traffic optimisation within the TMA and Extended TMA Airspace	31-12-2028	31-12-2032	SOL EN DS

Code	Title	IOC	FOC	Related Elements
TS-0308	Flow based Integration of Arrival and Departure Management	31-12-2021	31-12-2025	     
TS-0313	Optimized Use of Runway Capacity for Multiple Runway Airports	31-08-2026	31-08-2030	  
TS-0315	Arrival Management Systems integrated with DCB	31-12-2028	31-12-2032	 