

IDENTIFICATION AND DEVELOPMENT OF AAO/IIM PROJECTS

AFI Region	PROJECT DESCRIPTION (DP)	Project reference:	
<i>Programme</i>	AFI 30/10 PROJECT	Start	End
<i>AAO/IIM</i> ICAO Programme Facilitator: ROs/ATM		Dec 2025	Dec 2027
Objective	Provide the necessary support to States and Air Traffic Management (ATM) stakeholders to ensure adequate preparation within the AFI Region for a safe, effective and harmonized implementation of reduced longitudinal separations of 55.5 km (30 NM) or less in oceanic and remote airspace, and 19 km (10 NM) or less elsewhere.		
Scope	<p>The scope of the project is to address the various technical and operational topics for the longitudinal separations of 55.5 km (30 NM) or less in oceanic and remote airspace, and 19 km (10 NM) or less elsewhere with deliverables centered around the 7 key areas namely:</p> <ul style="list-style-type: none"> a) CNS Systems and infrastructure requirements b) Harmonized regulatory amendments required by the AFI States c) Training requirements for all stakeholders d) Review and amendment of processes and procedures e) Pre-implementation trials f) Implementation validation g) Post-implementation evaluation 		
Metrics	<ul style="list-style-type: none"> - The availability of required CNS systems and infrastructure - The percentage of States with up-to-date regulations pertaining to 30/10 longitudinal separations - The percentage of stakeholders who have completed 30/10 training programs - Percentage of ANSPs having implemented the 30/10 project 		
Goals	<ul style="list-style-type: none"> - 100% of States/ANSPs has implemented 30/10 longitudinal separations not later than 2027 		

Strategy	<ul style="list-style-type: none"> • Project Composition: A project team will be established by AASPG • Coordination of the project: The coordination of the project will be carried out by the Project Team Coordinator. • Implementation of the Project activities: Each member of the project team will be assigned specific task to be achieved as per the project work plan. The Project Team shall work with minimum of formality. • Supporting experts: Project team members will be supported by State National Coordinator for planning and implementation (NCPI) and State technical Focal Point (TFP) in ATM/CNS/AIM. • Meetings: The Project Team shall convene meetings considering the schedule of project team activities. It shall make use of available electronic communication means including teleconferencing to prepare and progress its work in between meetings and keep its members up to date on issues of concern, as well as to discuss specific issues. <p>Reporting on the project implementation: Annual progress reports submitted to PRCC will enable AAO Sub-Groups and ICAO Secretariat to assess the progress of the project and plan the next stage of the activities</p>
Rationale	<p>Air traffic management performance improvement is hampered by the application of different separation minima across flight information region (FIR) boundaries, or separation minima that are inconsistent with those typically applied across a region or sub-region. Many States in the AFI make every effort to improve the efficiency of their service delivery and minimize the adverse environmental impacts of civil aviation activities. Nonetheless, these same States also often contend with downstream bottlenecks due to the absence of seamless operations.</p> <p>The fourteen Air Navigation Conference (AN-Conf/14) discussed the challenges posed by the current practices of air traffic services in the regions. It appeared that while in many parts of the world the application of seamless or uniform separation minima is the existing doctrine, there remain pockets of airspace which would benefit from a review and improvement of the current separations used.</p> <p>The establishment of the AFI 30/10 project drive the effective, timely and harmonized implementation of the 30/10 longitudinal separations in the AFI region.</p> <p>It is essential for the AFI region to set up a framework to identify operational and technical requirements to ensure full and harmonised implementation and that no ATM stakeholder is left behind.</p>
Related ASBU Elements	<ul style="list-style-type: none"> - ASUR-B0/1 - Automatic Dependent Surveillance – Broadcast (ADS-B) - ASUR-B0/3 - Cooperative Surveillance Radar Downlink of Aircraft Parameters (SSR-DAPS) - ASUR-B1/1 - Reception of aircraft ADS-B signals from space (SB ADS-B) - COMI-B0/7 - ATS Message Handling System (AMHS) - COMS-B1/1- PBCS approved CPDLC (FANS 1/A+) for domestic and procedural airspace - COMS-B1/2- PBCS approved ADS-C (FANS 1/A+) for procedural airspace - CSEP-B1/3- Performance Based Longitudinal Separation Minima - FICE-B0/1 - Automated basic inter facility data exchange (AIDC) - FRTO-B0/1- Direct routing (DCT) - FRTO-B0/2- Airspace planning and Flexible Use of Airspace (FUA) - FRTO-B0/4- Basic conflict detection and conformance monitoring - FRTO-B1/1- Free Route Airspace (FRA) - FRTO-B1/2- Required Navigation Performance (RNP) routes - FRTO-B1/4- Dynamic sectorization - SNET-B0/1- Short Term Conflict Alert (STCA)

	- SNET-B0/2- Minimum Safe Altitude Warning (MSAW)				
Project deliverables	Relationship with the performance-based regional plan (PFF)	Responsible party	*Status of Implementation	Delivery date	Comments
<i>Deliverable1: Establishment of AFI 30/10 Project Team</i>	Harmonized implementation	AASPG / RO (WACAF/ESAF)	Not Started	December 2025	
<i>Deliverable2: Develop and validate the implementation roadmap</i>	Consistent implementation	AFI30/10 PMT & RO (WACAF/ESAF)	Not Started	January 2026	
<i>Deliverable 3: conduct the feasibility study on project 30/10 implementation in the AFI region</i>	Increased airspace capacity and improved efficiency	AFI30/10 PMT	Not Started	April 2026	
<i>Deliverable 4: conduct the ATC separation gap analysis for AFI</i>	Increased airspace capacity and improved efficiency	AFI30/10 PMT & RO (WACAF/ESAF)	Not Started	June 2026	
<i>Deliverable 5: Conduct a capacity building workshop on separation 30/10</i>	Enhanced capacity of ATS staff	AFI30/10 PMT & RO (WACAF/ESAF)	Not started	August 2026	
<i>Deliverable 6: Establish implementation clusters</i>	Harmonized implementation	AFI30/10 PMT	Not started	September 2026	
<i>Deliverable 7: Technical assistance to FIRs on 30/10 preparation</i>	Consistent implementation	AFI30/10 PMT & RO (WACAF/ESAF)	Not started	December 2026	
<i>Deliverable 7: Revise and sign LOA/LOP between ACCs</i>	Harmonized implementation	AFI ANSPs	Not started	February 2027	
<i>Deliverable 8: Conduct implementation safety risks assessment of 30/10</i>	Consistent implementation	AFI ANSPs	Not started	April 2027	

<i>Deliverable 9: Approve the safety risks assessment report on 30/10</i>	Consistent implementation	CAA	Not started	June 2027	
<i>Deliverable 10: Publish the date of effective implementation</i>	Harmonized implementation	CAA	Not started	July 2027	Chosen from AIRAC dates in November-December 2027
<i>Deliverable 10: Conduct implementation trials</i>	Consistent implementation	AFI ANSPs	Not started	October 2027	From August to October 2027
<i>Deliverable 11: Conduct final Go/No-Go assessment of 30/10.</i>	Consistent implementation	AFI30/10 PMT & RO (WACAF/ESAF)	Not started	November 2027	
<i>Deliverable 11: Full deployment of 30/10 in AFI.</i>	Harmonized & consistent implementation	All stakeholders	Not started	December 2027	AIRAC Date
<i>Deliverable 12: Conduct post-implementation assessment</i>	Harmonized & consistent implementation	AFI30/10 PMT & RO (WACAF/ESAF)	Not started	March 2028	
<i>Deliverable 13: Submit the project termination report</i>	Harmonized & consistent implementation	Project Coordinator	Not started	June 2028	
Resources required	<ul style="list-style-type: none"> - Selection of experts to conduct the project activities. - Commitment by States to support the coordinators and experts and to implement the recommendations of the performance reports. - Commitment of AFI States to communicate feedback to the project team as required. 				

*Grey

Task not started

Green

Activity underway as scheduled

Yellow

Activity started with some delay but expected to be completed on time

Red

It has not been possible to implement this activity as scheduled; mitigating measures are required