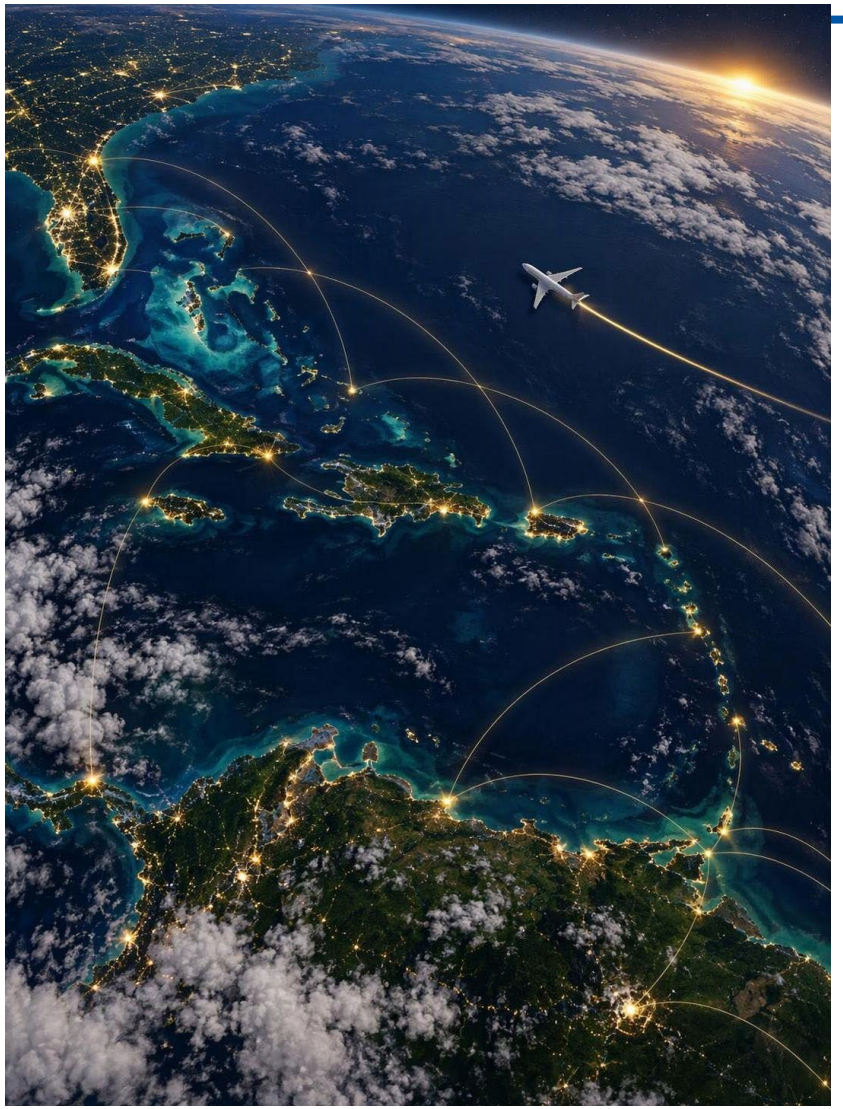
ICAO · NACC REGIONAL OFFICE

ADS-C/CPDLC Implementation Regional Workshop in the CAR Region

Objectives, expected outcomes, organization and methodology



ICAO

OVERVIEW

A three-day workshop to accelerate ADS-C/CPDLC in CAR

3
working days
9–11 Nov 2026

6
objectives
of the workshop

12
presentations
technical and State

10
outcomes
expected

Venue

ICAO NACC Regional Office, Mexico City

Scope

Regional implementation of ADS-C and CPDLC (Automatic Dependent Surveillance – Contract and Controller–Pilot Data Link Communications)

Participants

Mexico/SENEAM, COCESNA, Curaçao, Trinidad and Tobago, FAA/U.S. and ICAO

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Six objectives to build a coordinated regional approach

1 Common understanding

Establish a common operational and technical understanding of ADS-C/CPDLC.

2 State needs

Assess the specific implementation needs of Mexico, COCESNA, Curaçao and Trinidad and Tobago.

3 Identify gaps

Identify operational, technical, interoperability, safety, regulatory and training gaps.

4 Regional approach

Define the initial elements of a coordinated CAR implementation approach.

5 Next phases

Agree on scope and coordination: technical mission to Oakland, support mission to Mexico, regional documentation and training program, and deployment mechanisms.

6 Inputs for deliverables

Contribute to the Assessment Report, CONOPS, Roadmap, training program and future technical assistance.

Regional assessment and technical missions

1. State/ANSP needs and regional gaps

Individual assessments for Mexico, COCESNA, Curaçao and Trinidad and Tobago; consolidated operational, technical, safety, interoperability and training gaps; common and State/FIR-specific requirements.

2. Priority regional operational scenarios

Priority FIR-to-FIR scenarios; potential pilot initiatives; initial interoperability and coordination requirements; harmonized procedures and, where applicable, letters of agreement (LOA).

3. Technical mission to Oakland

Agreed objectives and preliminary scope; participation of ICAO and experts from Curaçao, Trinidad and Tobago and COCESNA; operational exposure and knowledge transfer; timelines, responsibilities and follow-up.

4. Technical mission to Mexico

Scope of FAA/U.S. expert support to SENEAM; procedures to be validated; technical and operational readiness; outstanding issues before deployment; timelines, experts and responsibilities.

Regional documents, training and coordination

5 CAR ADS-C/CPDLC Assessment Report

Agreed scope and structure; required inputs from States/ANSPs; drafting and review responsibilities; proposed timeline.

6 CAR Region CONOPS

Initial structure; priority scenarios; roles and responsibilities; interoperability and architecture; contingency and transition.

7 Regional Implementation Roadmap

Initial priorities; phases and sequence; testing and validation; pilot opportunities; indicative milestones toward deployment.

8 Regional Training Program

Needs of controllers, technical staff and supervisors; knowledge transfer and training of instructors; contributions from FAA, ICAO and States/ANSPs.

9 Regional Coordination Mechanism

Confirmed focal points; coordination among ICAO NACC, FAA and States; technical exchange; virtual meetings; reporting to NACC/WG and GREPECAS.

10 Regional Action Plan

Consolidated action matrix that will be the main coordination mechanism for the next phases of the initiative.

Three days, from requirements to roadmap

DAY 1 · MONDAY, 9 NOVEMBER

Operational concept and regional requirements

- Opening, objectives and methodology
- ICAO provisions, PBCS and FANS 1/A
- Regional initiative and GANP V8
- ADS-C/CPDLC concept and GOLD manual
- Status of Mexico/SENEAM and COCESNA

DAY 2 · TUESDAY, 10 NOVEMBER

State needs and implementation

- Curaçao and Trinidad and Tobago (Piarco FIR)
- FAA/U.S. experience (Oakland)
- Technical requirements and checklist
- ADS-C operational procedures
- FIR-to-FIR interoperability roundtable

DAY 3 · WEDNESDAY, 11 NOVEMBER

Roadmap, future activities and coordination

- Review of Days 1 and 2
- Consolidated gap analysis
- Priority scenarios and roadmap
- Missions to Oakland and Mexico
- Documentation, training and action plan

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Six delegations, one regional goal

ICAO · NACC

Julio César Siu, Deputy Director NACC
Mayda Ávila
Eddian Méndez
Josué González

Mexico · SENEAM

Alberto Romero Flores
Uriel González

Mazatlán Oceanic FIR; FAA support and mission to Mexico

COCESNA

Héctor Lee

Current capability, experience, interfaces with adjacent FIRs

Curaçao

Timothy Bregita

CNS/ATM environment, gaps and assistance required

Trinidad and Tobago

Riaaz Mohammed
Rohan Garib

Piarco FIR requirements

U.S. · FAA

Michael McManus
Gregory L. Kalla

Experience and lessons from Oakland ARTCC

From shared information to agreements

1

Common framework

ICAO presentations: provisions, PBCS, FANS 1/A, GOLD manual and ADS-C/CPDLC operational concept.

DAY 1

2

State status

Mexico, COCESNA, Curaçao and Trinidad and Tobago: current status, gaps, training and assistance required.

DAYS 1–2

3

Experience and requirements

FAA/Oakland lessons, technical requirements with checklist and ADS-C procedures.

DAY 2

4

Roundtable

FIR-to-FIR interoperability and coordination among all delegations; two-day summary.

DAY 2

5

Discussion sessions

Six guided parts: gaps, scenarios, missions, documentation and action plan.

DAY 3

Bilingual workshop (English/Spanish) with sessions led by ICAO and the participating delegations.

Six discussion parts guide the agreements

Part	Discussion topic	Responsible
1	Consolidated regional gap analysis	ICAO
2	Priority operational scenarios and implementation roadmap	All delegations
3	Activity 2 · Proposed technical mission to Oakland	ICAO and FAA/U.S.
4	Activity 3 · Technical mission to Mexico	Mexico/SENEAM and FAA/U.S.
5	Activity 4 · Regional documentation and capacity building	ICAO
6	Facilitated discussion: common requirements and issues for further analysis	ICAO

Closing: final coordination, action plan and conclusions with all delegations (15:30–16:00)

Proposed matrix, to be completed during the workshop

Activity	Action / Deliverable	Lead	Supporting parties	Target date	Follow-up
Technical mission to Oakland	Agreed objectives, scope and timeline	ICAO and FAA/U.S.	*To be agreed*	*To be agreed*	*To be defined*
Technical mission to Mexico	Scope of FAA support to SENEAM	SENEAM and FAA/U.S.	*To be agreed*	*To be agreed*	*To be defined*
Assessment Report and CONOPS	Structure and drafting responsibilities	ICAO	*To be agreed*	*To be agreed*	*To be defined*
Regional Roadmap	Priorities, phases and indicative milestones	ICAO	*To be agreed*	*To be agreed*	*To be defined*
Regional Training Program	Initial harmonized approach	ICAO	*To be agreed*	*To be agreed*	*To be defined*