

ATTACHMENT A

Terms of Reference

ICAO REGIONAL TECHNICAL COOPERATION PROJECT – “IMPLEMENTATION OF THE PERFORMANCE BASED AIR NAVIGATION SYSTEMS FOR THE CAR REGION” (RLA/09/801) AIR TRAFFIC SERVICES INTER-FACILITY DATA COMMUNICATION (NAM/ICD) AND AIR TRAFFIC SERVICES INTER-FACILITY DATA COMMUNICATIONS (AIDC) IMPLEMENTATION GO-TEAM

1. Background

The Go-Team is a mutual supporting mechanism to assist States with developing implementation capacity (qualified staff), implementation of air navigation and safety matters, based on regional priorities contained in the NAM/CAR Regional Performance Based Air Navigation Implementation Plan (RPBANIP) (Performance-Based Navigation [PBN], Air Traffic Flow Management [ATFM], Safety Management System [SMS]/State Safety Programme [SSP], Aerodrome Certification, Aeronautical Information Management [AIM], Air Traffic Services Inter-Facility Data Communication [AIDC], telecommunication improvements, etc.), through technical assistance, assessments and gap analysis, expert recommendations and lessons learned implementation.

The Project Third Steering Committee Meeting approved the Go-Teams implementation initiative. The mechanism of these coordinated and regionally deployed Go-Teams led by the ICAO NACC Regional Office allows the participation of existing regional expertise to support the implementation of regional requirements according to priorities derived from deficiencies.

2. Objectives

Explain the North American Common Coordination Interface Control Document (NAM/ICD) scope and implementation and AIDC protocol.

- Configuration of Air Traffic Management (ATM) systems for the use of automated protocols
- Participation with Jamaica to technically assist and support AIDC performance
- Assistance for the development of operational procedures
- Assistance for the development of functional tests
- Validation of tests and operation of both automated protocols
- Failure analysis
- Development of Letters of Agreement for the use of protocols
- Letter of Agreement
- Assistance with scoping AIDC objectives and to favour the incremental capability evolution

3. Responsibilities and Composition of the AIDC Implementation Go-Team for Jamaica

The AIDC Implementation Go-Team outcomes will include assistance on areas that need implementation, such as:

- Technical Analysis of the AIDC trial results for the operational set-up of the service for Jamaica.

- Identify improvements to NAM/ICD and AIDC services
- Recommendations on the Implementation activities/improvements
- Support to the implementation process. This would result in the engagement at a working level to coordinate and provide assistance to Jamaica
- The AIDC Implementation Go-Team will be composed by a maximum of three experts from the Project members and the ICAO NACC Regional Office
- A four- day maximum mission is authorized for the AIDC Implementation Go-Team for Jamaica mission in accordance with the scope and objectives of this mission

4. Procedure to Deploy the AIDC Implementation Go-Team for Jamaica:

- Jamaica requested the ICAO NACC Regional Office the AIDC Implementation Go-Team based on regional priorities including the scope of the request, time-frame and location
- The ICAO NACC Regional Office proposes the organization of an AIDC Implementation Go-Team based on the CAR Region AIDC implementation plan
- ICAO will identify Subject Matter Expert (SMEs) and their availability for the Go-Team

5. Activities required in order to meet with the Terms of Reference for the AIDC Implementation Go-Team:

- Monitor the status of implementation of NAM/ICD AND AIDC service in Jamaica.
- Assess and provide a mission report on AIDC application in Jamaica.
- Provide necessary assistance and guidance to Jamaica to ensure harmonization and interoperability of NAM/ICD and AIDC services
- Provide necessary inputs to the CAR Regional Project strategy through the monitoring of the Key Performance Indicators related to automatize protocols
- Identify and review those specific deficiencies and problems that constitute major obstacles to the provision of efficient operations of protocols service and recommend necessary corrective measures
- Develop proposals for the updating of NAM/ICD and AIDC documentation, as deemed necessary
- Monitor and review technical and operating developments in the AIDC area and foster its implementation in the CAR Region in a harmonized manner
- Foster the integrated operation of AIDC service in Jamaica as needed, training and qualification of the AIDC related personnel, and facilities conditions

6. Work Programme

- Collection of data for Implementation related information (North American (NAM)
- Interface Control Document (ICD) and AIDC/PAC protocols), agreement, trial results, contracted services, system configuration, etc.)
- Assist in conducting NAM/ICD and AIDC related risk analysis and assessments when required

- Identification of improvements and assessment of automatized protocols services
- Provide necessary assistance to States for implementation and sustainment of the automatized protocols services
- Conduct other activities related to the implementation of NAM/ICD and AIDC as assigned
- Provide a mission report to the ICAO NACC Regional Office
- Assist in providing capability demonstrations when resources are available
- Collaborate with Jamaica in developing NAM/ICD and AIDC strategies for adjacent Flight Information Region (FIRs)

7. Deliverables

- Action Plan for improvements to the operational use of NAM/ICD and AIDC/PAC
- Report of the mission, including recommendations

8. Proposed Go-Team Membership

Go-Team Members	States/Organizations	E-mail
Dan Eaves	United States	dan.eaves@faa.gov
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