



International Civil Aviation Organization
Ninth Meeting of the FANS I/A Interoperability Team (SAT/FIT/9)
Buenos Aires, Argentina, 4 to 5 August 2014

Agenda Item 3: Review of ADS/CPDLC programs and implementation activities in SAT FIRS

ADS-C IMPLEMENTATION IN ANGOLA

(Presented by Angola)

SUMMARY

The main purpose of this paper is to provide information to the meeting regarding the ADS-C/CPDLC implementation progress in Angolan Airspace.

Reference:

Action by the meeting in paragraph 3

1. Introduction

In 2012, ENANA-EP as Angolan Air Navigation Service Provider (ANSP) invited SITA in order to supply an ADS-C/CPDLC “Stand Alone” System. Since then ENANA is pursuing the necessary steps to successful implementation of the aforementioned system with the view to enhance the safety of Air Navigation Service within the Luanda FIR.

Since 2012, following steps were done:

- Site Survey on October 2012
- Final Technical and Financial proposal from SITA received by ENANA on December 2012
- Contract signed on May 2013
- Inception (Kick off) meeting in Luanda, on June 2013

2. Discussion

2.1 Current Status of Implementation of ADS-C/CPDLC in Luanda FIR

- ENANA did a familiarization visit in Cape Verde to understand basic technical and operational ADS-C/CPDLC principles, on October 2013.
- Training & Factory Acceptance Test was done on December 2013.
- Equipment delivery and shipment was done on February 2014.
- Equipment was installed on March 2014 and on that period a training and Site Acceptance Test was done with a simulator.
- ENANA start on July 15th 2014 some tests in order to finalize the system configuration. These tests weren't done on March due to some delay with the DataLink connectivity.
- ENANA start Training for ATC personal on February 2014.

2.2 Short and Medium Term planned Actions

- Final Site Acceptance Test with Airlines planned by August 2014.
- Trial base period planned from August to October 2014
- Publication of an AIC for operational Trials with Airlines and IATA during a trial period.
- Updated LOP with Atlántico, Johannesburg, Dakar and Accra.
- Continues of the training for ATC personal
- Technical training on ADS-C/CPDLC principles.

2.3 Long Term planned Actions

- The actions during this period will be formally and regularly notified to the ICAO (ESAF and WACAF offices) IATA and SAT Chairman through the National Regulator (CAA).
- Operational Assessment
- Publication of an AIC for starting Full operation.
- Enforcement of the Updated LOP with Atlántico, Johannesburg, Dakar and Accra.
- Sustainable maintenance policy.

3. Action by the meeting

The meeting is invited to note the developments related to the implementation of ADS-C/CPDLC facilities within Luanda Oceanic FIR.

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