



International Civil Aviation Organisation West and Central African Office

**Twentieth Meeting on the Improvement of Air Traffic Services over the South Atlantic
(SAT FIT 10)**

(Abidjan, Côte d'Ivoire, 1- 5 June 2015)

**Agenda Item 3: Review of ADS-C/CPDLC programme and implementation activities in
SAT FIRs**

3.1: Training on ADS-C/CPDLC and the Application of GOLD

(Presented by Secretariat)

SUMMARY

This paper discusses the ongoing implementation of ADS-C/CPDLC to improve safety and efficiency of flights and the need to provide training in the application of GOLD, integration / interoperability of systems and optimized use and associated benefits.

Action by the meeting is in paragraph 3

1. Introduction

1.1 Many States have either implemented or at various stages of implementation of ADS-C/CPDLC as part of their CNS/ATM infrastructure and compliance with regional air navigation plans.

1.2 The need for awareness and training about the usage of ADS-C/CPDLC as an essential ATM system has become more relevant.

2. Discussion

2.1 The SAT/FIT9 identified the need for a specific training on the application of the GOLD and therefore formulated the following Conclusion:

That,

SAM and WACAF Office analyze the feasibility of holding a specific training on the application of GOLD appendix D and present the results to the next SAT/FIT Meeting.

2.2 Furthermore, the seventh meeting of the Tactical Action Group (TAG/7) which has held in Johannesburg, South Africa also acknowledged the significant positive impact of the ongoing implementation of ADS-C/CPDLC to improve safety and efficiency of flights in the AFI Region. In addition, the meeting urged that in order to optimize benefits of the

implementation, systems should integrate automatic switchover functionality between ATC centres.

2.3 The Federal Aviation Administration (FAA) of the United States of America has held several discussions and two meetings with ICAO to provide the training on the application of GOLD. The TAG acknowledged with appreciation the offer by the FAA to support the regional implementation of CPDLC through training of technical and operational personnel, and facilitating studying of implementation feasibility of automatic handovers.

2.4 Sequel to the training workshop, the FAA plans to formulate and conduct a survey. The survey allows the FAA to determine the target audience and expected outcomes.

2.5 The TAG also acknowledged the importance of an increased ADS-C/CPDLC user participation. However, it was noted that equipage of regional fleets was still low. In this regard, the TAG agreed that users should be encouraged to equip and train flight crews accordingly in order to enable the use of CPDLC as the primary means of communication in the AFI remote and Oceanic areas, to enhance airspace safety.

2.6 The FAA has proposed a tentative date of 2-4 November 2015 for the training.

2.7 There has been an expression of interest by Kenya to host the meeting in Nairobi. However offers to host are still opened to other States for consideration.

3. Action by the meeting

The meeting is invited to:

3.1 Note the information in the paper

3.2 Discuss the proposed CPDLC and GOLD training workshop which will be jointly organised by ICAO and the FAA and confirm participation;

3.3 Urge States and international organisations to participate in the CPDLC survey to be conducted by the FAA; and

3.4 Note the offer of Kenya to host the training workshop or decide on alternate venue
