



International Civil Aviation Organization

The Thirteenth Meeting of the FANS Implementation Team for the Bay of Bengal (FIT-BOB/13) and the Fifth Meeting of the Bay of Bengal Reduced Horizontal Separation Implementation Task Force (BOB-RHS/TF/5)

Bangkok, Thailand, 07 – 11 February 2011

Agenda Item 3: Review Bay of Bengal ADS/CPDLC Operations

Progress Report of ADS-C/CPDLC Implementation trials in Male FIR, Maldives

(Presented by Maldives)

SUMMARY

This paper provides information on ADS-C/CPDLC implementation trials in Male FIR.

1. INTRODUCTION

- 1.1 This paper presents an update of the activities carried out in the Maldives to implement ADS-C/CPDLC data link services in the Male FIR, since the last FIT-BOB-12 meeting in Bangkok in March 2009.

2. DISCUSSION

- 2.1 As the meeting would recall, to enable full benefit of data link operation and the implementation of reduced lateral and longitudinal separations in the Male' FIR, the Maldives commenced implementation of ADS-C and CPDLC data link services in the Male' FIR in 2009.
- 2.2 In early September 2009, after the training of controllers, operational trials were conducted in October 2009 on oceanic routes between Mumbai, Maldives and Australia with Emirates Airline aircraft.
- 2.3 However, after a month the trials were discontinued after it was observed that the downlink performance was very poor. The equipment supplier was contacted to fix the problem.
- 2.4 On 15 April 2010, an interoperability test with Boeing was conducted and it was successful.
- 2.5 But it was found out in the subsequent operational trials that, aircraft were unable to log on as the equipment keeps hanging up and is required to be reset frequently.
- 2.6 Nonetheless, operational trials and data collection have been continued.
- 2.7 The guarantee period of the equipment has expired and we are in talks with the supplier, SELEX for a maintenance and service level agreement and expected to sign on 15 February 2011.

2.8 Maldives would like to take this opportunity to thank Boeing again, for their very generous assistance in April 2010 and request for additional tests as soon as possible.

3. ACTION BY THE MEETING

3.1 The meeting is requested to note the information provided.

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