



International Civil Aviation Organization

**The 2<sup>nd</sup> Meeting of the Future Air Navigation Systems Interoperability Team-Asia (FIT-Asia/2)**

Bangkok, Thailand, 28 – 29 March 2013

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**Agenda Item 3: Review of ADS/CPDLC Operations**

**CURRENT DATA LINK UPDATES IN YANGON FIR**

(Presented by Myanmar/Department of Civil Aviation)

**SUMMARY**

The purpose of this information paper is to advise the meeting of the current activities on data link communication using new ADS-C / CPDLC system in Yangon FIR.

This paper relates to –

**Strategic Objectives:**

A: *Safety – Enhance global civil aviation safety*

**Global Plan Initiatives:**

GPI-17 Data link applications

**1. INTRODUCTION**

1.1 Due to the limited VHF coverage near the FIR boundary between Vientiane and Yangon on ATS route B465 and other airway of L759 on the Bay of Bengal area, using CPDLC is a major issue for two-way communication between ATC and pilots.

**2. DISCUSSION**

Current data link updates in Yangon FIR

2.1 ADS-C/ CPDLC system has already been implemented in Yangon FIR since 25 February 1999. Now that equipment (from THOMSON-CSF) is aging more than one decade. That's why DCA Myanmar has planned and purchased to replace with new equipment.

2.2 New ADS-C / CPDLC system (from THALES) has already been integrated in our EUROCAT-C Controller Working Positions and start operating as on-test since 14 March 2013.

2.3 As a data service provider, SITA protocol of X-25 has also been changed to TCP-IP recently.

2.4 If our new system is fully operational, we will inform to ICAO (APAC) Regional office at once and also would like to request BOEING for Bench-test again.

2.5 After that we would like to do "IATA Com survey" again to remove communication deficiencies within Yangon FIR.

**3. ACTION BY THE MEETING**

3.1 The meeting is invited to:

- a) note the information contained in this paper; and
- b) advise any relevant matters as appropriate.

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