



International Civil Aviation Organization

**The Third Meeting of the APANPIRG ATM Sub-Group
(ATM /SG/3)**

Bangkok, Thailand, 03-07 August 2015

Agenda Item 6: AOP, MET, AIM, SAR

Agenda Item 7: Air Navigation Service Deficiencies

IMPLEMENTATION OF WGS-84

(Presented by LAO PDR)

SUMMARY

This paper presents information regarding the development and implementation of WGS-84 in the Vientiane Flight Information Region (FIR).

1. INTRODUCTION

1.1 Department of Civil Aviation of Lao PDR is entrusted with the responsibility of providing Air Navigational Services which include aeronautical information within the Vientiane FIR. In order to meet the strategic plan requirement, Lao PDR has conducted WGS-84 data survey and developed as the aeronautical data-base in line with Global Air Navigation Plan developed by ICAO.

1.2 With the publishing of Amendments to AIP of Lao PDR which was effective as paragraph 2 below, Department of Civil Aviation of Lao PDR has completed all the publishing work of WGS-84 geographical coordinates in AIP Lao PDR, which marks the successful implementation of WGS-84 by DCAL.

2. DISCUSSION

2.1 DCAL published WGS-84 geographical coordinates in detailed as follows:

- a) AIP Amendment Nr.06/12, effective in 23 August 2012, data of en-route and 1 aerodrome within Vientiane FIR
- b) AIP Amendment Nr.09/13, effective in 30 May 2013, data of en-route and 1 aerodrome within Vientiane FIR;
- c) AIP Amendment Nr.10/14, effective in 24 July 2014, data of en-route and 1 aerodrome within Vientiane FIR.

2.2 All aeronautical data in the AIP and charts are express in WGS-84 coordinates. Three of four international airports' aeronautical data are surveyed as WGS-84 manual while one international airport remaining needs quality control. Therefore completed development and implementation of coordinates in the WGS-84 reference system is achievable.

2.3 It is highly appreciation if ATM Sub-Group could take note and propose that APANPIRG/26 update the related content in APANPIRG Deficiency List table.

3. ACTION BY THE MEETING

3.1 The meeting is invited to:

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

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