



International Civil Aviation Organization

**THE NINTH MEETING OF THE SOUTHEAST ASIA AND BAY OF BENGAL
SUB-REGIONAL ADS-B IMPLEMENTATION WORKING GROUP
(SEA/BOB ADS-B WG/9)**

Beijing, China, 30 October - 1 November 2013

**Agenda Items 2 & 5: Review outcome of the AN Conf/12, ADS-B SITF/12 and APANPIRG/23
Review of sub-regional implementation plans**

ADS-B MANDATES IN THE SOUTH CHINA SEA

(Presented by IATA)

SUMMARY

This paper discusses the forthcoming ADS-B OUT Mandates on selected routes in South China Sea airspace and raises issues and questions for discussion by the meeting.

1. INTRODUCTION

1.1 On 12 Dec 2013 ADS-B OUT Mandates will become effective on certain routes in the South China Sea.

1.2 Mandate information (by way of AICs) has been published by Vietnam, Hong Kong and Singapore with AIP SUPP publication to come.

2. DISCUSSION

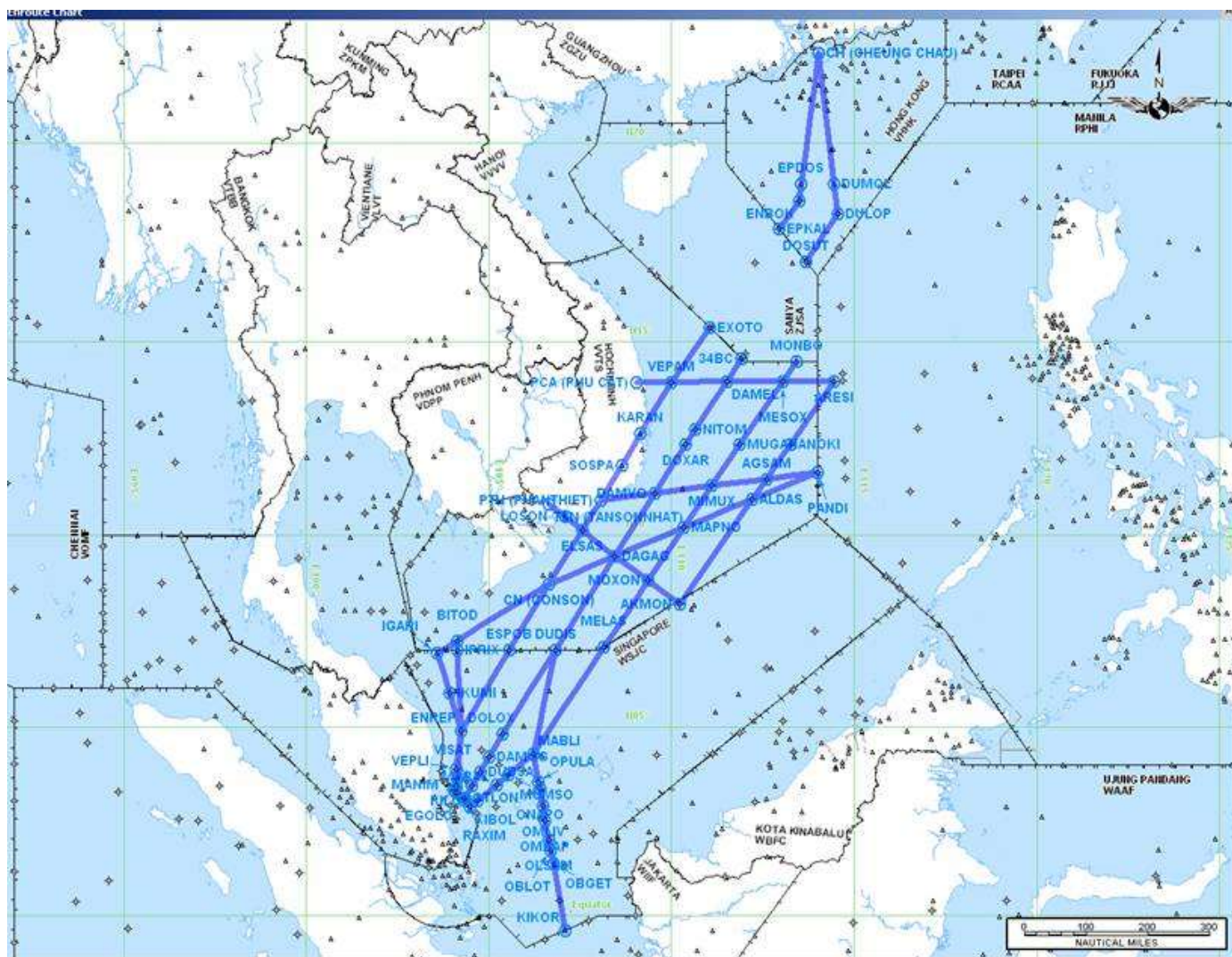
2.1 Current information shows the following Routes affected:

Singapore: L642, M771, N891, M753, L644 & N892

Vietnam: L625, M771, N892, L642, M765, M768, N500 and L628

Hong Kong: L642 & M771

See picture below:



2.2 This picture raises a number of questions and issues related to

- Harmonization of Mandates, service delivery outcomes and aircraft handling processes;
- co-ordination of routes affected; and
- purpose/objective of implementing ADS-B mandates

2.3 A further issue, to be clarified and discussed is the intent of implementing ADS-B Mandates in airspace which is fully monitored by other means (Radar).

2.4 States should publish/define plans for handling of aircraft with ADS-B “inop”

- failure in flight; and
- an aircraft that needs to relocate back to its maintenance base for rectification.

3. ACTION BY THE MEETING

3.1 The meeting is invited to:

- a) Note the information contained in this paper;
- b) Discuss and clarify the issues raised in 2.2 and 2.3; and
- c) Note and action issue raised in Para 2.4
