



International Civil Aviation Organization

**THE EIGHTH MEETING OF AERONAUTICAL
TELECOMMUNICATION NETWORK (ATN)
IMPLEMENTATION CO-ORDINATION GROUP
OF APANPIRG (ATNICG/8)**

Jakarta, Indonesia, 18 - 21 March 2013



Ministry Of Transportation
Republic of Indonesia

Agenda Item 3: Review States' ATN/AMHS Implementation Status, Transition and Operational Issues

ATN/AMHS IMPLEMENTATION STATUS IN HONG KONG, CHINA

(Presented by Hong Kong, China)

SUMMARY

This information paper provides the current ATN/AMHS implementation in Hong Kong, China.

This paper relates to

Strategic Objectives:

A – Safety

Global Plan Initiative:

GPI 22 – Communication Infrastructure

1. INTRODUCTION

1.1 The ATN/AMHS has been installed in Hong Kong in 2009. The ATN/AMHS Implementation status report for Hong Kong, China can be found in Attachment 1.

2. ATN/AMHS OPERATION

2.1 The ATN/AMHS circuit between Macao, China and Hong Kong, China became operational in December 2009.

3. ATN/AMHS TEST

3.1 The latest interoperability test between Beijing and Hong Kong was carried out successfully in August 2012. Beijing and Hong Kong are planning to carry out a tri-partite router test before establishing the ATN/AMHS link in Q3 or Q4/2013.

3.2 The interoperability test between Thailand and Hong Kong, China was carried out successfully in January 2013. It is planning to carry out a tri-partite router test before establishing the ATN/AMHS link in Q2/2013.

3.3 The interoperability tests between Taipei and Hong Kong had been completed in November 2009. We are still coordinating the operational date of this new ATN circuit which relies on the availability of the alternate route via Japan.

3.4 The ATN/AMHS implementation planning between Hong Kong, China and Japan, Philippines and Vietnam are still under coordination.

4. ACTION BY THE MEETING

4.1 The meeting is invited to note the ATN/AMHS implementation status in Hong Kong, China.

ATTACHMENT 1A
AMHS IMPLEMENTATION STATUS REPORT OF
HONG KONG, CHINA

- Contract Signed (Date) : **10 October 2008** (Commencement of contract)
- Completion of physical installation (Date) : **8 April 2009** (starting from 2 April 2009)
- Completion of Training (Date) : **10 July 2009** (starting from 5 May 2009)
- Completion of local testing (Date) : **26 June 2009** (starting 20 April 2009)
- Circuit test schedule :
 - Bilateral agreement signed with the reciprocal end (Date) :

COM Centre	Date
Macao	8 Oct 2009 (Kick-off meeting)
Bangkok	18 September 2012 (Kick-off meeting)
Others	Still under coordination.

- Bilateral test carried out as per the procedure prescribed (Date):

COM Centre	Test	Date/Period
Macao	Router and Interoperability	2-3 Jul 2009 & 3-4 Aug 2009
	Pre-operational Trial	7-13 Dec 2009
Taipei	Router and Interoperability	14-16 Oct 2009 & 9-10 Nov 2009
Beijing	Router and Interoperability	4-6 Aug 2010, 15-18 Nov 2011, 11-12 Apr 2012 & 6-9 Aug 2012
Bangkok	Router and Interoperability	8-16 Jan 2013

- Transition AFTN/AMHS (Date/Schedule) :
 - **24 December 2009** (started local use after safety assessment)
 - **29 December 2009** (upgraded Hong Kong – Macao circuit to ATN/AMHS)
- Setting up of AMHS UA (Date) :
 - **10 July 2009** (set up UA for local units)
 - **25 August 2011** (roll-out Web-based UA to local airlines)
- Final Acceptance and Contract Signoff (Date) : **10 July 2009**
- AMHS transition (Date/Schedule) :

The date/schedule of the transition of individual circuits are stated in the AMHS Implementation Planner.
