



**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

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

**CHINA ATN/AMHS IMPLEMENTATION STATUS REPORT**

(Presented by China)

**SUMMARY**

This information paper provides the ATN/AMHS implementation status in China.

**1. INTRODUCTION**

1.1 According to the regional ATN transition and implementation schedule of ICAO, the ATN/AMHS system (BBIS) has been installed in Beijing NCC (Network Control Center) in 2008.

**2. ATN/AMHS OPERATION**

2.1 A new ATN/AMHS 64 Kbps circuit between China (Beijing) and ROK (Seoul) has become operational since 1st June 2011 while the original AFTN circuit was retained as backup connection.

**3. ATN/AMHS TEST**

3.1 The inter-operability test between Beijing and Hong Kong is on-going. In August 2012, a new round of pre-test was conducted between Hong Kong and Beijing to rectify the previous problems observed. Because Hongkong's new ATN/AMHS system will be ready for test in Q3/Q4 2013, Beijing and Hong Kong are planning to conduct the inter-operability test in 2nd half of 2013.

3.2 The inter-operability test between Beijing and Mumbai was successfully completed in August 2012 using a new 64 Kbps landline and ATN/OSI protocols. The pre-operational test has been carried out since end of February 2013. The test messages were exchanged between the two operational AMHS systems at both sides. Under the agreed test plan, operational AFTN traffic will be duplicated and exchanged through the AMHS connection for testing in March, 2013.

3.3 China have coordinated with Nepal on implementing ATN/AMHS connection between Beijing/Kathmandu to satisfy the established operational requirements. Estimated date for signing TMC is in early April, the interoperability test is going to start from MID. May 2013.

3.4 China has established an ATN laboratory for technical test with the neighboring States. Considering the cost of test, both leased line and VPN over Internet could be used during the technical test. Interconnection test with others can be conducted when the neighboring States are ready for the inter-operability and pre-operational test as described in the ICAO AMHS conformance test guidance.

#### **4. ACTION BY THE MEETING**

4.1 The meeting is invited to note the ATN/AMHS implementation status in China

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**ATTACHMENT 1 A**

**FORMAT FOR REPORTING IMPLEMENTATION STATUS**

- Contract Signed (Date) December 2007 .....
- Completion of physical installation (Date) January 2008 .....
- Completion of Training (Date) July 2008- October 2008.....
- Completion of local testing (Date) November 2009 .....
- Circuit test schedule
  - o *Bilateral agreement signed with the reciprocal end (Date):*
    - China , India (TMC) – June 2010 .....
    - China, Republic of Korea(TMC) – December 2008
  - o *Bilateral test carried out as per the procedure prescribed (Date):*.....
    - Hong Kong ,China (Technical test ) – 2006 (completed)
    - China , USA(Technical test ) – 2006-2007(completed)
    - Macao , China (Technical test)– 2009(completed)
    - China, Republic of Korea(Inter-operability, Pre-operational trail) – 2010(completed)
    - China, India (Inter-operability , Pre-operational trail) – 2010-2013(on-going)
    - China, Nepal-2013(Plan)
- Transition AFTN/AMHS (Date/Schedule) .....
- Republic of Korea – June 2011(completed)
- Setting up of AMHS UA (Date) TBD .....
- Final Acceptance and Contract Signoff (Date) September 2009 .....
- AMHS transition (Date/Schedule) TBD .....

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