



International Civil Aviation Organization

COM Co-ordination Meeting

6 – 7 March 2013, Kunming, China



Agenda Item 4: Discuss implementation plan of ATN/AMHS between States including agreed target operational date

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 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 64Kbps circuit between China (Beijing) and ROK (Seoul) became operational in 1st June 2011. The original AFTN circuit was retained as backup connection.

3. ATN/AMHS TEST

3.1 The inter-operability test between Beijing and Hongkong is still on-going. In August 2012, a new round of pre-test was conducted between Hongkong and Beijing to verify the previous problems were fixed. Since Hongkong's new ATN/AMHS system will be ready for test in Q3/Q4 2013, Beijing and Hongkong are planning to conduct the inter-operability test at 2nd half of this year.

3.2 The inter-operability test between Beijing, China and Mumbai, India was completed successfully in August 2012 using a new 64Kbps landline and ATN/OSI protocols. The pre-operational test was started from end of Feb 2013, the test messages were transmitted between the two operational AMHS systems on both sides. Under the test plan, the operational AFTN traffic will be duplicated and exchanged through the AMHS connection for testing in March, 2013.

3.3 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 will be conducted when the neighboring states are available for the inter-operability and pre-operational test 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
