



**INTERNATIONAL CIVIL AVIATION ORGANIZATION**

**COM CO-ORDINATION MEETING**  
(People's Republic of China, Lao PDR, Nepal,  
Myanmar and Thailand)  
18 – 19 February 2014, Chengdu, China



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**Agenda Item 5:** ATN/AMHS and AIDC implementation plan including agreed the target operational date

**CHINA ATN/AMHS IMPLEMENTATION STATUS REPORT**

(Presented by China)

**SUMMARY**

This 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 connection 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.

3.2 The pre-operational test between China and India has been completed successfully in August 2013. During the test, the real AFTN traffic was duplicated and exchanged through the ATN/AMHS connection. The inter-operability test between Beijing, China and Mumbai,India was started in 2011, a new 64Kbps landline was established between Beijing and Mumbai for the test.The ATN/AMHS between India and China will commence soon.

3.3 After the COM co-ordination meeting held in Kuming,China from 6-7 March, 2013, China and Nepal started to prepare the IOT. Both sides revised the draft TMC accoring the feedback from the system manufacturers. The test procedure and technical details of system were confrimed by both parties. However, the commiunication link is still a problem, the solutions of updating current VSAT connection or establishing new landline were considered. It takes quite long time to check the feasibility of the landline by telecom providers. Until now two Chinese telecom providers has confirmed they can provide landline at China side.

3.4 China has established an ATN laborary for technical test with the neiborghing 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 conduted when the neighboring states are available for the inter-operability and pre-operatinal 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 and discuss the proposed solution in paragraph 3.3.

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