International Civil Aviation Organization

THE TWELFTH WORKING GROUP MEETING OF AERONAUTICAL TELECOMMUNICATION NETWORK (ATN) IMPLEMENTATION CO-ORDINATION GROUP OF APANPIRG (ATNICG WG/12)

5 – 8 August, Renton, WA, USA

Agenda Item 6:   AMHS and IP Implementation Status in Asia/Pacific and other regions

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   Accroding 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. The connection between China and ROK is operational since June, 2011.

1.2   This paper provides a update on current status of ATN/AMHS implementation in China.

2.   DISCUSSION

2.1   The ATN/AMHS test between Beijing, China and Mumbai, India started in March 2011. A new 64Kbps landline has been established for test and future operation. Some issues regarding message conversion were observed during the early stage of test. The two states and the system vendors worked together to identify and resolve all the problems, the inter-operability test was successfully completed in August 2012.

2.2   The pre-operational test was commenced 24 July 2013. Messages between China and India were duplicated and exchanged through ATN/AMHS connection. hundreds messages were transfered during the test. The test was successfully completed on 26 July, 2013. Now China is coordinating with India for working out the commissioning of the circuit.

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2.3   China have started to update current ATN/AMHS system to support ATN/IPS. IP routers and netwrok security equipements will be installed. After the system upgrade, China can conduct the AMHS test with other states through IP connection. This update is sechuded to be finished by December, 2013.

3.   ACTION BY THE MEETING

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

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