



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

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

**ATN/AMHS IMPLEMENTATION STATUS IN INDIA**

(Presented by India)

**SUMMARY**

This paper is a summary of current ATN/AMHS implementation status/operational activities/issues in India.

**1. INTRODUCTION**

1.1 India implemented the AMHS having dual stacks ATN Router in Mumbai (Inter-Regional BBIS site) in April 2008 and the regular operation with Singapore commenced from 23 March 2011.

1.2 This paper presents the current status of ATN/AMHS implementation in India.

**2. DISCUSSION**

2.1 For expeditious AMHS implementation in the APAC region, ATNICG-8 recommended that BBIS/BIS states to complete the implementation by 2015, which was endorsed by APANPIRG/24 Conclusion no. 24/29.

2.2 India has been regularly coordinating with concerned BBIS/BIS states for early AMHS implementation in line with above conclusion.

2.3 The current status of AMHS implementation in India is appended below:

- a) **Mumbai-Beijing:** The Pre-Operational Trials on AMHS between India (Mumbai) and China (Beijing) was successfully completed in the middle of July 2013. Both the states have planned to sign the TMC and commission the circuit tentatively in the 1<sup>st</sup> week of September 2013;

- b) **Mumbai-Bangkok:** The Pre-Operational Trials on AMHS between India (Mumbai) and Thailand (Bangkok) was successfully completed in the middle of July 2013. Both the states have planned to sign the TMC and commission the circuit tentatively in the 1<sup>st</sup> week of September 2013;
- c) **Mumbai-Karachi:** Despite successful completion of IOT in November 2010, Pre-operational trials on AMHS between India and Pakistan (Karachi) could not be carried out for want of AMC table updates in the Pakistan AMHS system; and
- d) **Mumbai-Muscat:** The circuit is presently operated on AFTN over TCP/IP through AMHS gateway. India is ready to migrate on AMHS and however response from Oman Civil Aviation Authorities is awaited.

2.4 Status of AMHS implementation with other states are as under:

- a) Nepal and Bangladesh have already procured COMSOFT AMHS system. Efforts are made to finalize the testing plan to commence IOT;
- b) Sri Lanka has recently contacted India for AMHS implementation. Details of connectivity requirements have been communicated to Sri Lanka;
- c) Kenya has initially planned their implementation in July 2013. However, implementation plan is still awaited from Kenya; and
- d) AMHS implementation plan from Bhutan is awaited.

### 3. ACTION BY THE MEETING

3.1 The meeting is invited to note the information contained in the paper.

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