

International Civil Aviation Organization



**THE FIRST MEETING OF AERONAUTICAL  
COMMUNICATION SERVICE (ACS)  
IMPLEMENTATION CO-ORDINATION GROUP  
OF APANPIRG (ACSICG/1)**

Seoul, Republic of Korea, 13 – 16 May 2014



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**Agenda Item 4: Review States' ATN/AMHS Implementation Status, Transition and Operational Issues:**

**THAILAND ATN/AMHS IMPLEMENTATION ACTIVITIES**

(Presented by Thailand)

**SUMMARY**

This paper presents information about the Thailand's ATN/AMHS Implementation Activities.

**1. Introduction**

1.1 AEROTHAI, Thailand completed the AMHS system implementation in July 2011. Following the Kick-off meeting with connected BBIS states, India, Singapore and Hong Kong China in 2012, AEROTHAI has performed the Inter-Operability Test (IOT) with connected BBIS states and Pre-Operational test (POT) with India and Singapore AMHS systems in 2013, Hong Kong China AMHS system in 2014. AEROTHAI plans to connect with Beijing, China in 2014. The IOT with Italy is planned during the second half of 2014.

1.2 In addition, AEROTHAI has contacted a number of connected BIS states and has performed IOT and POT with them. AEROTHAI has performed IOT with LAO PDR and Malaysia. The IOT with Bangladesh is planned during the second half of 2014, while the IOT with Vietnam and Myanmar are planned during 2015. AEROTHAI and Cambodia AMHS systems connected on 10<sup>th</sup> December 2013 completely.

**2. ATN/AMHS Implementation Summary**

2.1 India: AEROTHAI has established new CLNP 64 kbps link with Airport Authority of India (AAI) in June 2013 following successful IOT. The new link has been used for the Pre-Operational test between AEROTHAI and AAI ever since. AEROTHAI's AMHS system has

the problem during Tri-parties test. Currently, AEROTHAI is waiting for AMHS system provider to solve and take remedy in this case.

2.2 Singapore: AEROTHAI has also established new CLNP 64 kbps link with Civil Aviation Authority of Singapore (CAAS) in July 2013 following successful IOT and Pre-Operational test. AEROTHAI plans to have the Technical Memorandum of Corporation (TMC) document signed and the document is currently being evaluated by both sides in order to enable the operation of new ATN/AMHS link within Q4 2014.

2.3 Hong Kong China: AEROTHAI has established new CLNP 64 kbps link with Hong Kong China's Civil Aviation Department (CAD) in May 2014. The new link will be used for IOT and Pre-Operational test between AEROTHAI and CAD within Q2 2014.

2.4 Beijing, China: AEROTHAI has scheduled to start ATN/AMHS kick-off meeting activity in Q2 2014. During ACSICG meeting, AEROTHAI representative plans to contact with Beijing, China representative for the ATN/AMHS kick-off meeting, IOT and Pre-Operational test activity in 2014.

2.5 Cambodia: AEROTHAI has established new IP over VSAT link with Cambodia Air Traffic Services (CATS) in 2013 following successful IOT and Pre-Operational test. Also both AMHS systems connected and were in operation completely in December 2013. AEROTHAI and CATS have the new link operational for ATN/AMHS since 10<sup>th</sup> December 2013.

2.6 LAO PDR: AEROTHAI has established new IP over VSAT link with LAO PDR's LAO Air Traffic Management (LATM) in 2013 following IOT in May 2014. AEROTHAI has scheduled to have Pre-Operational test activity in Q2 2014 and TMC document is currently being evaluated by both sides in order to enable the operation of new ATN/AMHS link within Q4 2014.

2.7 Malaysia: AEROTHAI has established new IP over VSAT link with Department of Civil Aviation (DCA) Malaysia in July 2013 following successful IOT in April 2014. AEROTHAI will start Pre-Operational test in May 2014.

2.8 Bangladesh: AEROTHAI has just finished ATN/AMHS kick-off meeting with Bangladesh representative in April 2014. AEROTHAI has scheduled to start IOT and Pre-Operational test within Q2 2014.

2.9 Italy: AEROTHAI has scheduled to start ATN/AMHS kick-off meeting with Italy representative in May 2014. AEROTHAI has estimated the new link to be operational for IOT and Pre-Operational test within Q3 2014.

2.10 Vietnam: During ACSICG meeting, AEROTHAI representative plans to follow up with Vietnam representative for the ATN/AMHS kick-off meeting activity in 2015.

2.11 Myanmar: AEROTHAI has established new IP over VSAT link with Myanmar in April 2014. During ACSICG meeting, AEROTHAI representative plans to initiate contact with Myanmar representative for the ATN/AMHS kick-off meeting activity in 2015.

**3. Action by the Meeting**

3.1 The meeting is invited to note the progress of ATN/AMHS implementation activities of AEROTHAI, Thailand.

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