



**TENTH WORKING GROUP MEETING OF  
AERONAUTICAL TELECOMMUNICATION NETWORK  
IMPLEMENTATION CO-ORDINATION GROUP  
(ATNICG WG/10)**



Jaipur, India, 26 - 29 September 2011

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**Agenda Item 4: AMHS Implementation and update ATN/AMHS Planning Matrix**

**AMHS CONNECTION TESTING BETWEEN THAILAND'S  
AND SINGAPORE'S AMHS SYSTEM**

(Presented by Thailand & Singapore)

**SUMMARY**

This information paper presents the result of the AMHS Inter Operability Test (IOT) between Thailand's AMHS (Ubitech) and Singapore's AMHS (COMSOFT) system. This paper relates to:

**Strategic Objectives:**

A – Safety

C – Environmental Protection and Sustainable Development of Air Transport

**Global Plan Initiatives:**

GPI 22 – Communication Infrastructure

**1. Introduction**

1.1 AEROTHAI has requested assistance from the Civil Aviation Authority of Singapore (CAAS) to carry out AMHS Inter Operability Test (IOT) between Thailand's AMHS (Ubitech) and Singapore's AMHS (COMSOFT) system in May 2011. This information paper summarizes the details of the IOT test and its results.

**2. Discussion**

2.1 AEROTHAI has requested CAAS to perform the AMHS IOT from 30<sup>th</sup> May 2011 to 10<sup>th</sup> June 2011 which consisted of two (2) parts. The first part of the test was to verify the basic functionality between the 2 systems while the second part of the test was carried out based on a portion of the IOT test procedures of the Asia/Pacific AMHS Manual.

2.2 To perform these tests, both parties decided not to procure a new link. Instead, the technicians for both sides had established multiple channels on the current AFTN circuit connection between AEROTHAI and CAAS, without the loss of any performance and availability of running the AFTN service. The additional channel was then used for ATN router connection and AMHS testing respectively.

2.3 The result of the IOT has been satisfactory and AEROTHAI would like to thank CAAS for their assistance on this matter.

**3. Action taken by the meeting**

3.1 The meeting is invited to take note of the AMHS IOT test between AEROTHAI and CAAS

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