



International Civil Aviation Organization

**AMHS/SWIM SEMINAR AND THE SEVENTH MEETING OF
AERONAUTICAL TELECOMMUNICATION NETWORK
(ATN) IMPLEMENTATION CO-ORDINATION GROUP OF
APANPIRG (ATNICG/7)**



Chiang Mai, Thailand, 5 – 9 March 2012

Agenda Item 3: Review States' ATN/AMHS Implementation Status, Transition and Operational Issues

REPORT OF ATN/AMHS STATUS IN INDONESIA

(Presented by Indonesia)

SUMMARY

This Information Paper serves to update the meeting on the status of the ATN/AMHS activities in Indonesia

1. INTRODUCTION

1.1 In mid-March 2009, the ATN router trial using SND CF over IP was completed and a connection was successfully established between the Jakarta and Singapore ATN router.

1.2 In 2011, ATN Router has been installed in Ujung Pandang Comm Center and NOTAM OFFICE in DGCA Head Quarter. ATN/AMHS has been installed in NOTAM OFFICE in DGCA Head Quarter.

2. ATN/AMHS TRIAL

2.1. Interoperability test for ATN/AMHS between Jakarta and Singapore has been completed in July 2011. It is concluded that the bandwidth between Jakarta ó Singapore need to be increased in order to achieve a more optimum connectivity. Indonesia invites Singapore to arrange a meeting to discuss the upgrade of the bandwidth.

3. PLANNED ATN/AMHS CONNECTIVITY TRIALS

3.1 The pre-operational test for ATN/AMHS Jakarta ó Singapore will be conducted after the bandwidth between Jakarta and Singapore is upgraded. The pre-operational test will follow the

standard and procedure of Annex F of Asia/Pasific guidance document for AMHS Testing Requirement. After the pre-operational test, it is expected to conduct the operation of AMHS between Jakarta and Singapore parallel with the existing AFTN system as the back up means.

3.2 The connectivity test between three ATN/AMHS in Indonesia : Jakarta Comm Center, Ujung Pandang Comm Center, and NOTAM OFFICE in DGCA Head Quarter; is planned to be started in 2012. The testing process will follow the standard and procedure of the Asia/Pasific guidance document for AMHS Testing Requirement.

3.3 During the trial, the AMHS system will not affect the existing AFTN system operated by PT. Angkasa Pura I (Ujung Pandang), PT. Angkasa Pura II (Jakarta), and NOTAM OFFICE in DGCA Head Quarter.

3.3 Indonesia is ready for ATN connectivity trial with Australia and invites Australia to arrange a meeting to discuss the connectivity test between ATN BIS Router in Indonesia and ATN BBIS Router in Australia.

4. ACTION TAKEN BY THE MEETING

4.1 The meeting is invited to note the above information.



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ATTACHMENT 1 A

REPORTING ATN/AMHS IMPLEMENTATION STATUS IN INDONESIA

A. ATN/AMHS IMPLEMENTATION STATUS IN JAKARTA

- Contract Signed : May 2006
- Completion of physical installation : November 2007
- Completion of Training : October 2007
- Completion of local testing : November 2007
- Circuit test schedule :
 - *Bilateral agreement signed with the reciprocal end
(with Singapore)* : March 2009
 - *Bilateral test carried out as per the procedure prescribed
(with Ujung Pandang and DGCA Head Quarter)* : tbd
 - *Bilateral test carried out as per the procedure prescribed
(with Singapore)* : July 2011
 - *Bilateral test carried out as per the procedure prescribed
(with Ujung Pandang and DGCA Head Quarter)* : tbd
- Transition AFTN/AMHS : tbd
- Setting up of AMHS UA : tbd
- Final Acceptance and Contract Signoff : tbd
- AMHS transition : tbd

ATN/AMHS IMPLEMENTATION STATUS IN UJUNG PANDANG

- Contract Signed : May 2009
(AMHS Server)
April 2011
(ATN Router)
- Completion of physical installation : December 2009
(AMHS Server)
November 2011
(ATN Router)
- Completion of Training : December 2009
(AMHS Server)
November 2011
(ATN Router)
- Completion of local testing : November 2011
- Circuit test schedule :
 - *Agreement signed with the reciprocal end
(With Jakarta and DGCA Head Quarter)* : tbd
 - *Test carried out as per the procedure prescribed
(With Jakarta and DGCA Head Quarter)* : tbd
- Transition AFTN/AMHS : tbd
- Setting up of AMHS UA : tbd
- Final Acceptance and Contract Signoff : tbd
- AMHS transition : tbd

B. ATN/AMHS IMPLEMENTATION STATUS IN DGCA HEAD QUARTER

- Contract Signed : April 2011
- Completion of physical installation : November 2011
- Completion of Training : November 2011
- Completion of local testing : November 2011
- Circuit test schedule :
 - *Agreement signed with the reciprocal end
(With Jakarta and Ujung Pandang)* : tbd
 - *Test carried out as per the procedure prescribed
(With Jakarta and Ujung Pandang)* : tbd
- Transition AFTN/AMHS : tbd
- Setting up of AMHS UA : tbd
- Final Acceptance and Contract Signoff : tbd
- AMHS transition : tbd