

International Civil Aviation Organization



**THE SIXTH MEETING OF AERONAUTICAL
TELECOMMUNICATION NETWORK (ATN)
IMPLEMENTATION CO-ORDINATION GROUP
OF APANPIRG (ATNICG/6)**



Seoul, Republic of Korea, 16 - 20 May 2011

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

**REPORT OF ATN/AMHS STATUS IN INDONESIA
BETWEEN JAKARTA AND MAKASSAR**

(Presented by Indonesia)

SUMMARY

This Information Paper serves to update the meeting on the status of the ATN/AMHS activities in Indonesia between Jakarta and Makassar.

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. Information Paper about the activities is presented on joint paper from Singapore and Indonesia.

1.2 Other DGCA activity concerning implementation of ATN is to plan installation of ATN/AMHS in Ujung Pandang Comm Center and NOTAM OFFICE in DGCA Head Quarter.

2. ATN/AMHS TRIAL

2.1. ATN/AMHS trial for Jakarta and Singapore has been testing in accordance to the interoperability test procedures as defined in Annex E of the Asia/Pacific guidance document for AMHS conformance testing (AMHS Manual).

2.2. In May 2009 DGCA has been signing contract for AMHS in Makassar, which has been site acceptance test on December 2009. Following the status of procurement AMHS Makassar, DGCA has conduct the meeting for trial connectivity AMHS/AFTN gateway between Jakarta and Makassar.

2.3. The procurement status for AMHS in Makassar :

- Signing contract on May 2009
- Factory Acceptance Test on November 2009
- Physical Installation of system on December 2009
- Site acceptance test on June 2009

2.4. Based on internal meeting between DGCA, PT. Angkasa Pura I and PT. Angkasa Pura II on 1st April 2011, the AMHS/AFTN gateway connectivity trial between Jakarta and Makassar using VSAT over IP (64 kbps) will be processing on third weeks of June 2011.

3. PLANNED ATN/AMHS CONNECTIVITY TRIALS

3.1 The testing process will follow the standard of ANNEX D of the Asia/Pacific guidance document for AMHS Testing Requirements.

3.2 During the trial, the AMHS system will not affect the AFTN existing system operate by PT. Angkasa Pura I (Makassar) and PT. Angkasa Pura II (Jakarta).

4. ACTION TAKEN BY THE MEETING

4.1 The meeting is invited to note the above information.

ATN/AMHS IMPLEMENTATION STATUS

Name of the State : INDONESIA

Name of the ATN/AMHS Station : Jakarta, Makassar, DGCA HQ

Physical Implementation status

- 1) Date of completion of physical implementation (if implementation complete) :

Status of operational connectivity :

(Please provide the date of completion of the following steps or the tentative dates of completion if the step have not been completion)

Reciprocal End Station	Media available on	MoU signed on	Testing completed on			Commissioning of operation on
			Physical Connection	Router Connection Test	MTA Interoperability Test	

- 2) Tentative date of completion of physical implementation (if physical imlemntation not completed)

- AMHS Jakarta (connection between Jakarta and Singapore)

Procurement Status	Date/Tentative Date
Signing contract	May 2006
Completion of Factory Acceptance Test	November 2007
Physical installation of system	November 2007
Site acceptance testing	November 2007
Training	October 2007
Availability of media (for the first circuit)	March 2009
Completion of test (for the first circuit)	January 2011
Commisioning of operation (for the first circuit)	November 2007

- AMHS Makassar (connection between Makassar and Jakarta)

Procurement Status	Date/Tentative Date
Signing contract	May 2009
Completion of Factory Acceptance Test	November 2009
Physical installation of system	December 2009
Site acceptance testing	June 2009
Training	December 2009
Availability of media (for the first circuit)	June 2011
Completion of test (for the first circuit)	September 2011 (tentative)
Commisioning of operation (for the first circuit)	November 2011 (tentative)

- AMHS DGCA HQ
Physical implementation has not been complete

3) Sub-net level protocol

If your state is using IP for

1. AFTN connectivity (in some station)
2. AMHS connectivity (Jakarta - Singapore)
 - a. MTA/MTA (Jakarta - Singapore)
 - b. MTA/UA (Jakarta)