



International Civil Aviation Organization

**The Twenty-Second Meeting of the Southeast Asia ATM Coordination Group
(SEACG/22)**

Bangkok, Thailand, 09-12 March 2015

Agenda Item 4: Implementation of CNS/ATM Systems

ATN/AMHS TRIAL BETWEEN INDONESIA FIRS

(Presented by INDONESIA)

SUMMARY

This Information Paper serves to update the meeting on the status of the ATN/AMHS trial activities between Indonesia FIR's (Jakarta and Makassar) with upgrade bandwidth to 128 Kbps.

1. INTRODUCTION

1.1 In 2011 Indonesia has succeeded in trial activities of the ATN/AMHS between Indonesia FIR's (Jakarta and Makassar), an Information Paper was presented on the ATN/AMHS trial activities between Indonesia FIR's with upgrade bandwidth to 128 Kbps. This paper serves to provide the meeting with a status update of this ATN/AMHS trial.

2. DISCUSSION

ATN/AMHS Trial

2.1 In May 2014, Singapore has proposed Indonesia to upgrade bandwidth link to ensure the trial test programme, Indonesia has decided to upgrade connection Bandwidth between Jakarta and Makasar to 128 Kbps. The ATN router trial using SND CF over IP was completed and connection was successfully established between Jakarta and Makassar ATN router.

Test Procedures and Outcome

2.2 Inter-operability test of ATN/AMHS Jakarta – Makassar has finished in November 2014. The inter-operability test was successful. Indonesia – Makassar was ready for operation with bandwidth of 128 kbps.

2.3 The Inter-operability test complies with the ASIA/PAC Guidance Document for AMHS Conformance Testing (AMHS Manual) Annex E Interoperability Test and agreed to pre-operational test.

2.4 The pre-operational trial has succeeded in December 2014. Pre-operational test have been agreed with the ASIA/PAC Guidance Document for AMHS (AMHS Manual) Annex F pre-operational test.

2.5 Trial implementation of ATN/AMHS Jakarta – Makassar is scheduled for January to March 2015.

2.6 The pre-operational test for ATN/AMHS Jakarta – Singapore will be conducted after the bandwidth link between Jakarta and Singapore is upgraded to 64 KBps. The upgrade bandwidth link is an ongoing process. The pre-operational test will follow the standard and procedure of Annex F of Asia/Pacific 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 back-up.

2.7 The connectivity test between Indonesia – Australia is planned to start after the new link network between Makassar – Brisbane is completed. The new link was proposed by Australia via VPN and planned to finish in mid 2015. The testing process will follow the standard and procedure of the Asia/Pacific guidance document for AMHS Testing Requirement.

AIDC Status

2.8 AIDC status in Indonesia has been in trials [implementation] via AFTN.

2.9 AIDC trials were implemented only in Makasar FIR, and Makasar FIR connects with Brisbane FIR.

2.10 AIDC in Jakarta FIR is in the process of upgradeing the ATC system.

3. ACTION BY THE MEETING

3.1 The meeting is invited to note the above information

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