

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

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

THE IMPLEMENTATION STATUS OF RENEWAL ATN/AMHS IN JAPAN

(Presented by JAPAN)

SUMMARY

This paper presents the status of implementation regarding the renewal ATN/AMHS in Japan. It is scheduled that the current ATN/AMHS would be renewed and implemented on the second quarter in 2015.

1. Introduction

1.1 This paper provides implementation schedule of Japan Civil Aviation Bureau (JCAB) for the renewal ATN/AMHS project. JCAB is now going on with the migration plan of ATN/AMHS toward the applicability of SARPs edition 3 and Dual Stack ATN Router.

1.2 A contract for procurement of the new ATN/AMHS was signed with NEC Corporation in NOV 2013. The software of the new system has already been delivered into JCAB, and the hardware is just installing at Systems Development, Evaluation and Contingency Management Center (SDECC) in Osaka between April and May in 2014. It is expected that System unit and connectivity local testing there will be carried out during 6 months from June to Nov in 2014. A detailed ATN/AMHS implementation – planned schedule in Japan is shown in the Attachment 1A below.

2. Discussion

2.1 ATN/AMHS implementation timeline in Japan is as follows :

- a) In July 2015, renewing ATN/AMHS will be implemented using ATN/OSI (X.25) on the ATN/AMHS circuit which is utilized between the United States and Japan.

- b) It is scheduled to conduct the inter-operability test using ATN/OSI (X.25) between the United States and Japan since Dec 2014.
- c) Concerning the remaining AFTN circuits between other states and Japan in APAC region, it is expected to gradually coordinate toward the bilateral agreement signed regarding the circuit test to change the connectivity from AFTN to ATN/AMHS.

3. Action by the Meeting

3.1 The meeting is invited to:

- a) note the information contained in this paper; and
- b) note JCAB coordinates the schedule to implement ATN/AMHS in future.

Attachment 1A

ATN/AMHS IMPLEMENTATION – PLANED SCHEDULE IN JAPAN

- Contract Signed - Nov 2013

- Completion of physical installation
 - SDECC - Target date May 2014
 - Fukuoka ATM Center - Target date Aug 2014

- Completion of Training - Target date Jun 2015

- Completion of local testing
 - SDECC - Target date Nov 2014
 - Fukuoka ATM Center - Target date Jan 2015

- Circuit test schedule
 - Bilateral agreement signed with the reciprocal end
 - On-going toward a bilateral agreement signed between the United States and Japan
 - Bilateral test carried out as per the procedure prescribed
 - On-going toward conducting circuit test between the United States and Japan in and after Dec 2014

- Transition AFTN/AMHS
 - Target date July 2015 (Upgrade the United States - Japan current ATN/AMHS circuit to SARPs edition 3)

- Setting up of AMHS UA
 - AMHS UA function will be deployed in Fukuoka ATM Center at the same time as the transition to the renewal ATN/AMHS.

- AMHS transition
 - AMHS renewed and upgraded to SARPs edition 3 - Target date July 2015.
