

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:

A LARGE-SCALE FRONT END SYSTEMS RENOVATION PLAN OF JAPAN

(Presented by Japan)

SUMMARY

This paper presents a summary of a large-scale renovation plan concerning front end systems of Japan. It is scheduled to be changed over from old systems to new systems on the third quarter in 2015.

1. Introduction

1.1 This paper provides implementation schedule for the renovation project regarding front end systems of Japan Civil Aviation Bureau (JCAB). JCAB is now going on with a large-scale migration planning in order to deal appropriately with the system aging.

1.2 JCAB's current front end systems have a function of AFTN circuit switching and new systems will also have the same function regarding AFTN switch without changing the Interface Control Document (ICD). Therefore, the states in APAC region, except the United States, that AFTN circuits are connected with Japan won't be required to modify their AFTN switching system.

1.3 The new systems have already been installed at Systems Development, Evaluation and Contingency Management Center (SDECC) in Osaka in Mar 2014. It is expected that system unit and connectivity local testing in SDECC will be carried out from now on. After that, it is scheduled to conduct connection test of the existing AFTN circuits between other states and Japan.

2. Discussion

2.1 Time schedule toward the renovation of JCAB's system is as follows :

- a) in Nov. 2015, JCAB’s front end systems will be modified; and
- b) it is scheduled to conduct the inter-operability test between other states and Japan in APAC region after local testing in SDECC. A detailed planning with regard to AFTN circuit connection test will be notified by JCAB and coordinated with the states concerned later on.

2.2 Prior to the above systems renovation, renewal ATN/AMHS will be implemented in July 2015.

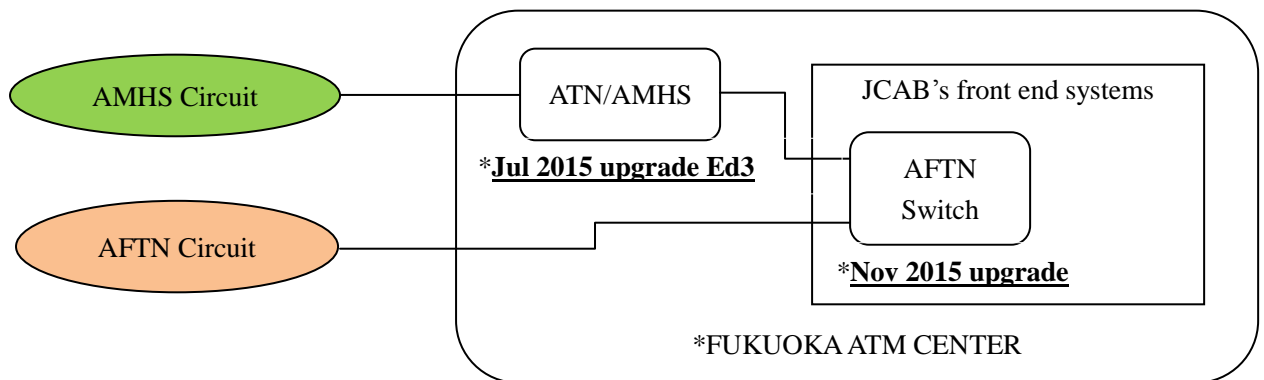


Figure-1 JCAB’s systems renovation image

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 AFTN circuit connection test in future.
