

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

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**Agenda Item 4: Review State's ATN/AMHS Implementation, Transition and Operation issues**

**ATN/AMHS IMPLEMENTATION STATUS**

(Presented by Republic of Korea)

**SUMMARY**

This information paper provides the ATN/AMHS implementation status and activities in the Republic of Korea (ROK)

**1. Introduction**

1.1 ATN/AMHS implementation activities in ROK have been actively progressed and also international circuit was connected in the end of 2010 through appropriate mutual tests with neighboring country.

**2. ATN/AMHS Implementation Status**

2.1 ROK installed ATN/AMHS in June 2010 according to the Technical Memorandum Cooperation(TMC) signed with China and designated the ATN international circuit (64Kbps digital links) in July 2010 and also the test operations was carried out by conducting connection testing between Beijing and Seoul to officially operate the service from June of 2011.

2.2 According to the ICAO Air Navigation Plan in Asia Pacific Region, the ROK will continuously coordinate and cooperate with JAPAN for ATN/AMHS implementation between Seoul and Fukuoka.

**3. Conclusion**

3.1 ROK will decide the commissioning date of ATN/AMHS in cooperation with China during this ATNICG/6 meeting to formally operate ATN/AMHS in 2011.

**4. Action taken by the meeting**

4.1 The meeting is invited to note the current activities and the future plan of ATN/AMHS implementation in the ROK.

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- **Contract signed** : Dec 2008
- **CDR(Design Review) completed** : Feb 2009
- **ATN Router FAT(Factory Acceptance Testing)** : Feb 2009
- **Installation Site** : Jun 2009
- **Training** : Aug ~ Oct 2010
- **Test schedule**
  - Bilateral agreement worked out with reciprocal ends** : Jul 2010(with China)
  - Test carried out** : Jun ~ Dec 2010(with China)
- **Transition AFTN/AMHS** : China - Jun 2011(Plan)
- **Setting up of AMHS UA's** : TBD
- **Final Acceptance Contract Sign off** : Dec 2010
- **AMHS transition** : TBD

**ATN/AMHS IMPLEMENTATION STATUS**

**Name of the State : Republic of Korea**

**Name of the ATN/AMHS Station: RKSS**

Physical Implementation status

- 1) Date of completion of physical implementation (if implementation completed): Dec 2010

Status of operational connectivity:

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

Reciprocal End Station	Media available on	MoU signed on	Testing completed on			Commissioning of operation on
			Physical Connection	Router Connection Test	MTA Interoperability Test	
ZBBB	Jun 2010	Dec 2008	Jun 2010	July 2010	Aug ~ Oct 2010	June 2011
RJAA	-	-	-	-	-	-

2) Tentative date of completion of physical implementation (if physical implementation not completed): \_\_\_\_\_

<b>Procurement Status</b>	<b>Date/Tentative Date</b>
Signing of contract	-
Completion of Factory Acceptance Test	-
Physical installation of system	-
Site acceptance testing	-
Training	-
Availability of media (for the first circuit)	-
Completion of testing (for the first circuit)	-
Commissioning of operation (for the first circuit)	-

3) Sub-net level protocol

If your State is using IP for

1) AFTN connectivity : IP

2) AMHS connectivity :

a. MTA/MTA :

b. MTA/UA :

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