



International Civil Aviation Organization

**THE FIFTH MEETING OF AERONAUTICAL
TELECOMMUNICATION NETWORK (ATN)
IMPLEMENTATION CO-ORDINATION GROUP
OF APANPIRG (ATNICG/5)**



Kuala Lumpur, Malaysia, 31 May – 4 June 2010

**Agenda Item 5: Review State's ATN/AMHS Implementation/Operational activities,
issues and test results for BBIS Network**

IMPLEMENTATION STATUS REPORT

(Japan)

- Contract signed – 1998
- CDR (Design Review) completed – 2000
- FAT (Factory Acceptance Testing) – 2001
- Installation at Site: – 2000
- SAT (Site Acceptance Testing) – 2001
- Training – 2001
- Test schedule
 - Bilateral agreement worked out with reciprocal ends
 - U.S.A – 1998
 - Taipei – 2007
 - Seoul – Coordination in progress
 - Test carried out
 - U.S.A – 2000-2004
 - Taipei – 2008- (on going)
- Transition AFTN/AMHS – *(Plan with schedule)*
 - U.S.A – 2005 (completed)
 - Taipei – TBD
 - Seoul – 2011 (plan)
- Setting up of AMHS UA's – TBD
- Final Acceptance Contract Signoff – *(Date)*
- AMHS transition – *(Plan with schedule)*

Note: Platform Refresh (Hardware Replacement) have finished at March 2010
Testing schedule with other BBIS states are TBD due to the AMHS ICD issue.

Table CNS 1A

AERONAUTICAL FIXED TELECOMMUNICATION NETWORK (AFTN) PLAN

State/Station	Current					Planned				Target date Implementation	Remarks
	Cat.	Type	Signaling Speed	Protocol	Code	Type	Signaling Speed	Protocol	Code		
1	2	3	4	5	6	7	8	9	10	11	12
JAPAN											
Narita-M Fukuoka-M											
Beijing	M	LDD/d	9600 bps	X.25	IA-5	LDD/d	64 Kbps	X.25	IA-5	May 2010	
Hong Kong	M	LDD/d	64 Kbps 9600 bps	X.25	IA-5						
Khabarovsk	M	LTT	2400 bps	None	IA-5						
Moscow	M	LDD/d LTT	64 Kbps 2400 baud	X.25 None	IA-5	LDD	2400 bps	None	IA-5		Coordination with Russian Federation in progress
Naha	S	LDD/d	9600 bps	X.25	IA-5						
Gimpo	S	LDD/d	9600 bps	X.25	IA-5						
Singapore	M	LDD/a	9600 bps	X.25	IA-5						
Salt Lake City	M	LDD/d	9600 bps	X.25	IA-5						Traffic exchanged via AMHS
Naha-S											
Taipei	S	LDD/d	64 Kbps 4800 bps	X.25	IA-5						
Narita	S	LDD/d	9600 bps	X.25	IA-5						

Note: Station name "Narita" have changed to "Fukuoka" and the "Naha-S" have been integrated to "Fukuoka-M"

TABLE CNS-1E
ATS INTERFACILITY DATA COMMUNICATION (AIDC) ROUTING PLAN

State/Administration	Location of AIDC end system	AIDC Pair		AIDC standard used	Target date of Implementation	Remarks
		Correspondent location	Correspondent State/Administration			
1	2	3		4	5	6
JAPAN	Fukuoka ATMC	Anchorage ACC	USA	AFTN	Implemented	ICD V.2.0
		Incheon ACC	Republic of Korea	AFTN	Implemented	ICD V.1.0
		Oakland ARTCC	USA	AFTN	Implemented	ICD V.2.0
		Taipei ACC	Taiwan	AFTN	2012	ICD V.3.0

Interconnection, Connected to router of: <i>Administration (Location of Router)</i>		BBIS
		Japan (Fukuoka)
Australia (Brisbane)	A	TBD
	B	TBD
	C	TBD
	D	2011
China (Beijing)	A	2Q/10
	B	TBD
	C	TBD
	D	2011
Hong Kong China (Hong Kong)	A	1Q/10
	B	TBD
	C	TBD
	D	2011
Singapore (Singapore)	A	4Q/06
	B	TBD
	C	TBD
	D	2011
USA (Salt Lake City)	A	
	B	
	C	
	D	2005/Implemented
Europe	A	
	B	
	C	
	D	TBD
Russian Federation	A	
	B	
	C	
	D	TBD
Republic of Korea (Seoul)	A	3Q/10
	B	3Q/10
	C	4Q/10
	D	1Q/11
Taipei	A	1Q/08
	B	1Q/08
	C	TBD
	D	2011