

SINGAPORE ATN/AMHS IMPLEMENTATION STATUS

Civil Aviation Authority of Singapore

AMHS Implementation Planning Workshop
Bangkok, Thailand
27 to 28 January 2010

Singapore's ATN/AMHS Implementation Status

Activities

- Contract Signed
- CDR (Design Review)
- FAT (Factory Acceptance Test)
- Installation on site
- SAT (Site Acceptance Test)
- Training
- Transition AFTN/AMHS
- Final Contract Signoff

Status / Schedule

- 4th Mar 06
- Phase I: Jul 06
Phase II: Sep 07
- Phase I: Nov 06
Phase II: Mar 08
- Phase I: Dec 06 to Mar 07
Phase II: Dec 07 to Feb 08
- Phase I: Apr 07 to May 07
Phase II: Mar 08 to Apr 08
- Phase I: Dec 06 to May 07
Phase II: Apr 08 to May 08
- End Jun 07
- May 08

Singapore's ATN/AMHS Implementation Status

Activities

Status / Schedule

- AMHS transition –
 - i. On-going inter-operability trial with Malaysia and Indonesia
 - ii. Completed inter-operability trial with India from 7 to 15 Oct 2009. Commenced pre-operational trial with India on 1 Dec 2009 and is currently on-going. Synchronization of AMHS Generic Lookup Table is required initially for both ends and to be updated subsequently based on monitored events. Message statistics were exchanged on a weekly basis regularly.
 - iii. Tests with other BBIS/BIS will be carried out on an availability basis once States are available for connectivity tests. Planned in 2010 – Australia, UK, Thailand, Philippines and Bahrain.

Pre-Operational Tests

- AMHS Generic Address Lookup Table
 - Assigns an AFTN route to an AMHS user address
 - Recommend that systems are configured with complete set of information required for the Address translation
 - To ensure that the AMHS can handle the extensive content of the tables covering the address translation of all existing AFTN addresses into AMHS O/R Addresses (XF or CAAS) or vice versa
 - Create dummy address entries using CAAS Addressing format
 - Provide for easy identification of Test address

Pre-Operational Tests

- AMHS Generic Address Lookup Table
- Example

AMHS Generic Address Lookup Table Entry

```
=====
routInd           : WS
orAddr           :
  schema         : CAAS
  context        : GenLookup
  globDom        :
    country      : XX
    admd         : ICAO
    prmd         : SINGAPORE
  org            : CAASG
orgUnit1         :
orgUnit2         :
orgUnit3         :
orgUnit4         :
commonName       :
surname          :
givenName        :
genQual          :
initials         :
atnExtendedServiceSupport : No
```

AMHS Generic Address Lookup Table Entry

```
=====
routInd           : AY
orAddr           :
  schema         : CAAS
  context        : GenLookup
  globDom        :
    country      : XX
    admd         : ICAO
    prmd         : AYTEST
  org            : TESTAY
orgUnit1         :
orgUnit2         :
orgUnit3         :
orgUnit4         :
commonName       :
surname          :
givenName        :
genQual          :
initials         :
atnExtendedServiceSupport : No
```

Thank You