



International Civil Aviation Organization

**AMHS/SWIM SEMINAR AND THE SEVENTH MEETING OF
AERONAUTICAL TELECOMMUNICATION NETWORK
(ATN) IMPLEMENTATION CO-ORDINATION GROUP OF
APANPIRG (ATNICG/7)**



Chiang Mai, Thailand, 5 – 9 March 2012

Agenda Item 3: Review states' AMHS/ATN implementation status, transition and operational issues.

AUSTRALIAN ATN/AMHS IMPLEMENTATION STATUS REPORT

(Presented by Australia)

SUMMARY

This information paper provides the implementation status in Australia.

1. INTRODUCTION

1.1 Australia commissioned its AMHS-capable MTA and ATN routers in 2007. The system comprises an operational and a test & evaluation system in Brisbane and a disaster recovery system in Melbourne.

1.2 All international AFS circuits are AFTN/X.25 in accordance with Annex 10 and all domestic circuits are AFTN/IP using Comsoft's proprietary protocol.

2. DISCUSSION

2.1 Airservices has initiated a project to establish AMHS circuits with the inter-connecting BBIS states in the region (Fiji, Singapore, USA and Japan).

2.2 Progress to date includes the signing of a bi-lateral agreement and ICD with Fiji and the installation of a 64kbps international leased line between Brisbane and Nadi; agreement with Singapore to migrate existing circuit from AFTN/X.25 to AFTN/IP (Comsoft protocol) over the existing 64kbps leased line to facilitate migration to AMHS; and, agreement with Fiji, Singapore and USA to use IP SNDCE.

2.3 Plans are to complete testing of the Fiji circuit in mid-2012 with subsequent commissioning in late 2012; testing with Singapore and USA in late 2012; and testing with Japan in 2013.

2.4 It is proving difficult to allocate internal technical and operational staff to this effort due to higher, more time-critical priorities such as 2012 FPL changes and the move of the COMC from Brisbane to Canberra.

2.5 Australia also plans to provide CADAS UA to neighbouring countries East Timor, Nauru, Vanuatu and Solomon Islands before November 2012.

3. ACTION BY THE MEETING

3.1 The meeting is invited to note the status of AMHS/ATN implementation by Australia.
