

CNS SG/24
Appendix G to the Report

AMHS Readiness Report for Supporting IWXXM Traffic

No.	States/Administration	Name of State (Administration)/name of BBIS/BIS location where AMHS is installed:	AFTN/AMHS transition date/schedule	Readiness Status of AMHS for supporting File Transfer Body Part (FTBP), the Interpersonal Message (IPM) Heading Extension (IHE) to support for exchanging IWXXM reports of a maximum size of 4MB and FTBP of maximum 2MB:	Capacity status of the operational AFS links to support the exchange of the required meteorological information in both IWXXM GML form and TAC form:
1	Hong Kong China	Hong Kong China	December 2009	Support	2MB for CRV and 64kbps for IPLCs
2	Macao, China	Macao China	Q4/2009	Q3/2021	To be determined
3	Fiji	Fiji Airport/Air Traffic Management Centre	Completed. In June 2019, Fiji completed the transition of ATN BBIS to IPS for the AMHS service from Nadi to Salt Lake, USA & Brisbane, Australia over the CRV network. The local end User still operates on AFTN terminal and is converted to AMHS over the AFTN/AMHS Gateway.	The Comsoft AMHS System supports File Transfer Body Part (FTBP). Our system has the capability of exchanging IWXXM reports of a maximum size of 4MB and FTBP of maximum.	Nadi has contracted a 1.0Mbps bandwidth using CRV Package C+ for Voice & AMHS services. The total bandwidth usage for voice and data is 768K from the total 1.0Mbps. The bandwidth for AMHS is 64Kbps each to Brisbane & Salt Lake Center. It is noted in the ACSICG/7 WP04 presented by USA that 64Kbps is the minimum recommended required bandwidth for AMHS to exchange FTBP for IWXXM.
4	India	AAI/Mumbai Airport	AMHS is in operation since 2011	2MB: Mumbai AMHS is not able to receive AMHS messages with attachments, although Bangkok and Singapore sent the AMHS messages with attachment to Mumbai. India is planning a replacement of existing AMHS system within a timeframe of 2 years.	
5	Japan	Japan/Fukuoka	ATN BBIS router and AMHS installed at 2000.	Already support exchange of IWXXM messages based on FTBP in August 2015.	The viewpoint of line bandwidth, it will be 192KBps.

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			<p>Connection tests with USA 2000 - 2004 and put into operational use in 2005 and over CRV in February 2019.</p> <p>Connection tests with Hong-Kong and Singapore using AMHS/FTBP over CRV since December 2019 and testing is still on-going.</p> <p>AMHS/FTBP over CRV implementation with China in 4Q2020, and with Korea in 1Q2021</p>	It is possible to send , receive and transfer up to 2,147,483,647byte for the contents such as FTBP,IPM and IHE.	
6	Philippines	Philippines/ATMC Manila	Completed March 2018	Can support IHE and FTBP maximum 1MB (tested with Taipei on 13-May-20)	1MB Philippines has contracted 2Mbps bandwidth using CRV package "A" voice and data services.
7	Singapore	Singapore	March 2011	Yes	2MB for CRV and minimally 64kbps for IPLCs