



ICAO

International Civil Aviation Organization

**Eleventh Meeting of the Aeronautical Communication
Services Implementation Coordination Group
(ACSICG/11)**

Bangkok, Thailand, 19 - 22 March 2024

Agenda Item 6: Review and update the AMHS/ATN/AIDC Implementation Status
6.1 AMHS implementation Status

AMHS IMPLEMENTATION STATUS IN THE PHILIPPINES

(Presented by Philippines)

SUMMARY

This paper presents information on the status of implementation of AMHS/ATN in the Philippines.

1. INTRODUCTION

- 1.1 The Philippines' migration from AFTN to AMHS started in 2018 with its 33 domestic and 13 local connections. At present, the AMHS infrastructure also supports an internal AFTN subsystem using TCP/IP.
- 1.2 The Philippines has extended its contract with PCCW with Package A (with 2MB capacity, with allocation of 112kbps for each voice channel and 64kbps for data) for the use of CRV on international data and voice communications.

2. DISCUSSION

- 2.1 The following international AMHS connections with the Philippines were successfully migrated/established over CRV.
 - Hong Kong – completed migration to AMHS in May 2019
 - Taipei – completed migration to AMHS in September 2019
 - Singapore – completed migration to AMHS in December 2020
 - Salt Lake City – established AMHS connection in April 2021
- 2.2 The issue of outages in the legacy AFTN connection between the Philippines and Vietnam has persisted. With the recent development in the coordination between Manila and Ho Chi Minh, the transition to AMHS is expected to help alleviate the frequent disruptions.

2.3 Other circuits implementation status over CRV is presented by this table.

Common aeRonautical Virtual Private Network (CRV) Implementation Status (As of March 2024)			
ADJACENT FIR	CIRCUITS IMPLEMENTED OVER CRV		
	AMHS	VOICE	AIDC
HONGKONG	Operational	Operational	Operational
SINGAPORE	Operational	Operational	Operational
TAIPEI	Operational	Operational	Operational
OAKLAND	Operational	Operational	Operational
UJUNG PANDANG	No Direct Connection	Successfully Tested 3Q2023	Operational via BBIS
JAPAN	No Direct Connection	Operational	<i>To be Determined</i>
KOTA KINABALU	No Direct Connection	<i>To be Determined</i>	Operational Test since March 16, 2024
HO CHI MINH	<i>To be Determined</i>	<i>Testing conducted (March 8, 2024)</i>	<i>To be Determined</i>

2.4 The current AMHS System in the Philippines is IWXXM ready and can relay these types of messages via CRV. Additionally, the Philippines has committed to participating as an observer in SWIM workshops, which aim to identify the optimal approach for implementing SWIM in the country

3. ACTION BY THE MEETING

3.1 The meeting is invited to:

- a) note the information contained in this paper; and
- b) discuss any relevant matter as appropriate
