



International Civil Aviation Organization

ICAO Eight Meeting of the Common aeRonautical Virtual
Private Network Operations Group (CRV OG/8)

Video Teleconference, 17-19 May 2021

Agenda Item 2: Review and update the AMHS/ATN Implementation Status table and the APAC CRV Implementation Table

UPDATE OF CRV SERVICE OF THE PHILIPPINES

(Presented by Philippines)

SUMMARY

This paper provide an update of AMHS, VOICE and AIDC implementation of the Philippines over CRV service.

1. INTRODUCTION

1.1 The Philippines have been in CRV operations since March 18, 2018 with package-A subscription from PCCW Service Provider. A redundant connections of 2Mbps each has slowly replace the high cost and low speed legacy circuits. With this CRV implementation, the Philippines has been able integrate a voice and data connections with the following adjacent FIR's; Hongkong, Taipe, Singapore and Oakland.

2. DISCUSSION

2.1 Through CRV network and email coordination with the adjacent ANSP's counterparts, the Philippines has able to implement AMHS and AIDC applications including VOICE circuits with the following FIR's; Hongkong, Taipe, Singapore and Oakland. In section 2.2, Table A below, it shows the summary of voice and data applications of the Philippines.

2.2 After a series of Interoperability and Pre Operational Tests, below shows the progress of AMHS, AIDC and VOICE circuits over CRV network, also included in the table our legacy circuits.

Table A.

ADJACENT FIR	APPLICATION			Implementation Date
	AMHS	AIDC	VOICE	
HONG KONG – China	Live Operation	Live Operation (primary)	Live Operation (backup)	AMHS - 2Q2019 AIDC - 2Q2019 VOICE - 3Q2018

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TAIPE	Live Operation	Live Operation (primary)	Live Operation (backup)	AMHS - 3Q2019 AIDC - 4Q2019 VOICE - 1Q2019
SINGAPORE	Live Operation	Live Operation (primary)	Live Operation (backup)	AMHS - 4Q2020 AIDC - 4Q2019 VOICE - 1Q2020
Salt Lake City & OAKLAND - USA	Live Operation	1 st technical test to be scheduled	Live Operation (primary)	AMHS - 1Q2021 AIDC - <i>TBD</i> VOICE - 4Q2019
UDJUNG PANDANG - Indonesia	AFTN/AMHS via BBIS	Live Operation	Legacy	AMHS - <i>TBD</i> AIDC - 4Q2020 VOICE - <i>TBD</i>
Fukuoka & Kobe - JAPAN	AFTN/AMHS via BBIS	Ongoing coordination	Legacy (Ongoing coordination for CRV)	AMHS - <i>TBD</i> AIDC - <i>TBD</i> VOICE - <i>TBD</i>
HO CHI MINH - Vietnam	AFTN (Legacy)	Technical test to be scheduled for 2021	Legacy	AMHS - <i>TBD</i> AIDC - <i>TBA</i> VOICE - <i>TBD</i>
KOTA KINABALU - Malaysia	AFTN/AMHS via BBIS	Technical test to be scheduled for 2021	Legacy	AMHS - <i>TBD</i> AIDC - <i>TBD</i> VOICE - <i>TBD</i>
SANYA - China	AFTN/AMHS via BBIS	TBD	IDD	TBD

2.3 Through Backbone Boundary Intermediate Systems (BBIS), the AIDC implementation with Udjung Pandang Indonesia has been successful. There were ongoing email coordination with Japan to connect a voice circuits thru CRV network and a suggestion to implement AIDC thru Backbone Boundary Intermediate Systems channel. The plan date for AIDC tests with Ho Chi Minh is to be determined through email discussion and will use the existing legacy AFTN connection, while an email was sent to Kota Kinabalu Malaysia to discuss the date for another round of AIDC tests.

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
