



ICAO

*International Civil Aviation Organization***Ninth Meeting of the Aeronautical Communication Services Implementation Coordination Group (ACSICG/9)**

Video Tele-Conference, 19 - 21 April 2022

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

6.1 Update status of AMHS implementation

AMHS/ATN IMPLEMENTATION STATUS OF THAILAND

(Presented by Thailand)

SUMMARY

This paper presents information about the AMHS/ATN implementation status of Thailand.

1. INTRODUCTION

1.1 Thailand completed the AMHS system implementation in July 2011. Currently Thailand is transitioning from AFTN to AMHS and has completed several commissions of AMHS connection.

2. DISCUSSION

2.1 Following the AMHS implementation, Thailand AMHS system has connected to other BBIS states as follow:

- Hong Kong China on 22nd September 2014
- India on 29th September 2014
- Singapore on 23rd December 2014
- Beijing on 26th April 2018
- Rome on 27th January 2022

With regards to other BIS states as follow:

- Cambodia on 10th December 2013
- Laos PDR on 21st August 2018
- Malaysia on 1st December 2019
- Bangladesh on 23rd March 2015
- Myanmar on 30th July 2018
- Bhutan on 1st July 2019

2.2 Thailand has performed IOT and POT with Vietnam, the commissioning is planned to be completed during Q3 of 2022.

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2.3 In addition, Thailand has completed commission of SITA AMHS gateway inter connections on 14th September 2017.

2.4 Bangkok COM Centre has the AFTN/AMHS traffic load report as followed:

Year 2019	Receiving	Transmitting	Total
January	3,095,344	22,975,371	26,070,715
February	2,873,404	20,626,427	23,499,831
March	3,774,141	22,710,565	26,484,706
April	3,122,069	21,537,192	24,659,261
May	2,843,793	21,366,035	24,209,828
June	3,824,297	20,874,685	24,698,982
July	3,487,911	22,523,440	26,011,351
August	3,354,460	22,270,756	25,625,216
September	3,298,526	21,409,025	24,707,551
October	3,310,813	21,957,978	25,268,791
November	3,388,022	22,623,928	26,011,950
December	3,361,058	22,481,111	25,842,169

Year 2020	Receiving	Transmitting	Total
January	3,482,978	23,522,853	27,005,831
February	2,839,547	20,534,422	23,373,969
March	2,399,370	18,157,643	20,557,013
April	1,473,782	10,201,740	11,675,522
May	1,626,568	11,492,737	13,119,305
June	1,748,436	13,250,165	14,998,601
July	1,946,943	14,361,850	16,308,793
August	1,965,126	15,201,144	17,166,270
September	1,938,784	15,439,956	17,378,740
October	2,420,174	16,772,523	19,192,697
November	1,850,307	16,372,565	18,222,872
December	1,941,742	17,300,684	19,242,426

Year 2021	Receiving	Transmitting	Total
January	1,628,510	13,617,556	15,246,066
February	1,462,901	13,024,919	14,487,820
March	1,790,649	16,192,696	17,983,345
April	1,678,872	15,256,185	16,935,057
May	1,425,042	12,724,607	14,149,649
June	1,447,799	13,709,903	15,157,702
July	1,453,510	13,534,445	14,987,955
August	1,381,585	12,946,764	14,328,349
September	1,460,295	13,713,835	15,174,130
October	2,153,820	14,773,866	16,927,686
November	1,678,499	15,561,651	17,240,150
December	1,798,389	16,902,233	18,700,622

Year 2022	Receiving	Transmitting	Total
January	1,667,832	15,676,082	17,343,914
February	1,592,432	15,107,345	16,699,777
March	1,808,896	17,063,600	18,872,496

2.5 Thailand AMHS system is able to support IWXXM.

2.6 Thailand implemented AIDC services over AMHS and the implementation status is as follow:

- Malaysia on 14th March 2020
- Laos PDR on 14th July 2020
- Cambodia on 22nd February 2021
- Myanmar planned to implement

3. ACTION BY THE MEETING

3.1 The meeting is invited to:

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