



ICAO

International Civil Aviation Organization

**Seventh Meeting of the Asia/Pacific ATS Inter-Facility
Data-Link Communication Implementation Task Force
(APA TF/7) of APANPIRG**

Video Teleconference, 7 – 9 June 2021

Agenda Item 3: Sharing of experience on AIDC implementation and update the implementation status

AIDC OPERATIONAL TRIAL IN MANILA FIR

(Presented by Philippines)

This paper presents updates on the AIDC trial implementation in Manila FIR.

1. Introduction

- 1.1 The year 2020 was a challenging year for Manila ACC in scheduling AIDC trial thus slowing the progress in AIDC testing and implementation. Manila ACC's have been affected by this pandemic due to manpower and health restrictions but with the full implementation of AIDC with some of our neighboring FIRs we were able to promote a better and efficient air traffic management in the Manila FIR. This proves that AIDC implementation will have a great impact in aviation recovery.

2. Discussion

AIDC OPERATIONAL TESTS AND TRIAL

- 2.1 Manila ACCs AIDC is already operational with some of our neighboring FIRs using the new Air Traffic Management (ATM) System, TopSky HE. These are Hong Kong, Taipei, Singapore and Ujung Pandang.
- 2.2 AIDC implementation with Singapore, Hong Kong, Taipei and Ujung Pandang ACCs using the new ATM system proved successful with no recurring major issues
- 2.3 The table below provides the results of AIDC tests and trial operations with six (6) adjacent centers:

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ADJACENT CENTER	DATE/S OF AIDC TESTS/TRIAL		AIDC MESSAGES	RESULT OF TEST/TRIAL	IMPLEMENTATION PLAN
Singapore	Test	January 9, 2019	ABI, EST, ACP, TOC, AOC	Successful.	2Q2019
	Operational Trial	February 18, 2019 ongoing	ABI , EST, ACP, TOC, AOC	Successful	Implemented Nov. 1, 2019
Hong Kong	Test	March 7, 2019	ABI, CPL, EST, ACP, TOC, AOC	Successful	2Q2019
	Operational Trial	March 28, 2019 ongoing	ABI , EST, ACP, TOC, AOC	Successful	Implemented May 23, 2019
Taipei	Test	April 10, 2019 June 18, 2019	ABI, EST, ACP, TOC, AOC	Successful.	3Q2019
	Operational Trial	December 5, 2019	EST, ACP, TOC, AOC	Successful	Implemented December 5, 2019
Ujung Pandang	Test	May 28, 2019	ABI, EST, ACP, TOC, AOC	Successful.	4Q 2019
	Operational Trial	October 10, 2019- (April 23, 2020) on-going	EST, ACP, TOC, AOC	Successful.	Implemented December 01, 2021
Ho Chi Minh	Test	October 30, 2019	ABI, EST, ACP, TOC, AOC	Successful.	4Q2019 4Q2020 4Q2021
Kota Kinabalu	Test	May 21-22, 2019	ABI, EST, ACP, TOC, AOC, MAC, PAC	Successful	4Q2020
		October 21-22, 2019			4Q2021

- 2.4 Manila ACC already conducted AIDC tests with Kota Kinabalu and Ho Chi Minh. We will continue our AIDC test until some issues are resolved. Basic AIDC messages such as ABI, EST, ACP, TOC and AOC were tested. It is estimated that trial operations can be carried out commencing on the fourth quarter of 2021 (4Q 2021).
- 2.5 Likewise, coordination with Oakland already started and we are expecting an AIDC test with Oakland on end of June/early July timeframe. AIDC test for Fukuoka are still to be determined but we already coordinated with the parameters to be use for AIDC test.

3. Action by the Meeting

- 3.1 The meeting is invited to note the information contained in this paper.
