



ICAO

International Civil Aviation Organization

**Fifth Meeting of the Asia/Pacific ATS Inter-Facility
Data-Link Communication Implementation Task Force
(APA TF/6) of APANPIRG**

Web Conference, Philippines, July 14-16,2020

Agenda Item 3: Sharing of experience on AIDC implementation including plan for use of Pan Regional ICD for AIDC and update the implementation

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 Manila ACC's successful transfer to the new Philippine CNS/ATM Center last November 2018, promote a better and efficient air traffic management in the Manila FIR not just in terms of distributions of workload due to additional sectors but also due to the trials and implementations of AIDC.

2. DISCUSSION

AIDC Operational Tests and Trial

2.1 Manila ACC started to conduct a number of AIDC tests using the new Air Traffic Management (ATM) System, TopSky HE, with the neighboring FIRs in 2018. All tests conducted gave successful results.

2.2 Since the transition of Manila ACC to the new ATM system, the AIDC tests were conducted with Singapore, Hong Kong, Taipei, Ujung Pandang, Kota Kinabalu and Ho Chi Minh ACCs. Basic AIDC messages such as ABI, EST, ACP, TOC and AOC were tested.

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	January 9, 2019	ABI, EST, ACP, TOC, AOC	Successful.	2Q2019 Implemented Nov. 1, 2019
	February 18, 2019 ongoing	ABI , EST, ACP, TOC, AOC	Successful	
Hong Kong	March 7, 2019	ABI, CPL, EST, ACP, TOC, AOC	Successful	2Q2019 Implemented May 23, 2019
	March 28, 2019 ongoing	ABI , EST, ACP, TOC, AOC	Successful	
Taipei	April 10, 2019 June 18, 2019	ABI, EST, ACP, TOC, AOC	Successful.	3Q2019 Implemented December 5, 2019
	December 5, 2019	EST, ACP, TOC, AOC	Successful	
Ujung Pandang	May 28, 2019	ABI, EST, ACP, TOC, AOC	Successful.	4Q 2019
	October 10, 2019- (April 23, 2020) on-going	EST, ACP, TOC, AOC	Operational trial	
Ho Chi Minh	October 30, 2019	ABI, EST, ACP, TOC, AOC	Successful.	4Q2019 4Q2020
Kota Kinabalu	May 21-22, 2019 October 21-22, 2019	ABI, EST, ACP, TOC, AOC, MAC, PAC	unsuccessful	4Q2020

2.4 AIDC operational trial with Singapore and Hong Kong ACCs using the new ATM system proved successful with no recurring major issues. AIDC in both ACC are fully implemented.

2.5 We are in full implementation of AIDC with Taipei since December 6, 2019 and on-going operational trial with Ujung Pandang, where in we are just waiting for the signing of LOA for the full implementation.

2.6 Manila ACC already conducted AIDC tests with Kota Kinabalu and Ho Chi Minh. We will continue our AIDC test until some issues are resolved. It is estimated that trial operations can be carried out commencing on the fourth quarter of 2020 (4Q 2020).

2.7 Coordination with Oakland and Fukuoka already started to determine the readiness of those centers for AIDC tests with Manila.

3. ACTION BY THE MEETING

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