



ICAO

International Civil Aviation Organization

Tenth Meeting of the Asia/Pacific Air Traffic Flow
Management Steering Group (ATFM/SG/10)

Video Teleconference 04 – 08 May 2020

Agenda Item 4: Review of Current CDM/ATFM Operations and Problem Areas

Hong Kong Air Traffic Flow Management Website

(Presented by Hong Kong China)

SUMMARY

The Hong Kong ATFM website is targeted to be operational in June 2020. The website aims to provide stakeholders with a “one-stop” shop where ATFM information affecting flights to/from airports within the Hong Kong node and transiting Hong Kong FIR is readily available. This paper presents a general overview of the website and its functions.

1. INTRODUCTION

1.1 The Hong Kong ATFM website (www.atfmc.gov.hk) which is planned to be operational in June 2020, aims to provide stakeholders the most updated ATFM information affecting flights operating to/from airports within the Hong Kong node and transiting Hong Kong FIR. It also provides an overview of the prevailing ATFM information/ measures within the APAC region (see Attachment Fig. A) so as to improve the overall traffic situational awareness of stakeholders.

2. DISCUSSION

2.1 In addition to emails and Slot Allocation Messages (SAM), CTOT information to/from airports within Hong Kong node will be posted on the website to compliment the coverage and improve data accessibility.

2.2 CTOT issued by Hong Kong ATFMU and CTOT received via SAM from other ATFMU's will be automatically uploaded to the website. CTOT information received by emails will be manually entered to the website. More automation is expected when data exchange via SWIM is implemented in the region (see **Figure 1** and **Figure 2**).

Flight Inbound and Outbound VHHH

INBOUND								OUTBOUND	
	Callsign	ADEP	ADES	Flight date	EOBT	CTO	CTOT	CLDT	
1	CPA701	VHHH	VTB2	20200117	0805		0845		
2	CPA111	VHHH	VTBS	20191016	0828		0848		
3	PAC237	VHHH	RKSI	20191114	0830		0930		
4	CPA222	VHHH	VTBS	20191016	0836		0856		
5	CPA555	VHHH	VTB	20191016	0900		1000		
6	CPA111	VHHH	VTBS	20191015	0910		1015		
7	CPA222	VHHH	VTBS	20191015	0920		1130		
8	CPA888	VHHH	VTBS	20191015	1000		1020		
9	CPA777	VHHH	VTBS	20191015	1010		1040		
10	AIQ2530	VHHH	VTSG	20191114	1230		1300		

Search filters:

Callsign:

ADEP:

ADES:

CTOT FROM: 2020-04-17

TO: 2020-04-17

Latest ATFM Daily Plan (ADP)

VHHK (2020-04-17 UTC, Issue 01)

Figure 2: Flight list displaying CTOT for Hong Kong departures

Flight Inbound and Outbound VHHH

INBOUND								OUTBOUND	
	Callsign	ADEP	ADES	Flight date	EOBT	CTO	CTOT	CLDT	
1	HDA875	ZSPD	VHHH	20191120	0845		1926	2141	
2	CPA505	RJAA	VHHH	20191113	0900		1059	1520	
3	JAL735	RJAA	VHHH	20191113	0910		1010	1441	
4	ANA811	RJAA	VHHH	20191120	0925		0946	1431	
5	ANA811	RJAA	VHHH	20191113	0925		0946	1414	
6	JAL735	RJAA	VHHH	20191120	0910		0931	1411	
7	CPA507	RJBB	VHHH	20191120	0855		0923	1305	
8	HKE871	RJAA	VHHH	20200117	0800		0821	1258	
9	MSR960	VTBS	VHHH	20191212	0715		1050	1257	
10	CPA507	RJBB	VHHH	20191113	0855		0921	1255	
11	CRK691	RJCC	VHHH	20191212	0710		0721	1251	
12	CPA784	WADD	VHHH	20200117	0805		0830	1250	
13	CPA581	RJCC	VHHH	20191212	0700		0730	1248	

Search filters:

Callsign:

ADEP:

ADES:

CTOT FROM: 2020-04-17

TO: 2020-04-17

Latest ATFM Daily Plan (ADP)

VHHK (2020-04-17 UTC, Issue 01)

Figure 2: Flight list displaying CTOT for Hong Kong arrivals

2.3 The status of a particular airport in APAC region (not only those airports participating in Distributed Multi-Nodal ATFM project) or an entry/exit fix of Hong Kong FIR will be shown with different colour coding (see Fig.3). They will be updated manually as far as practicable when the information is received by ATFM Daily Plans (ADPs), NOTAMs, emails and/or other sources to provide stakeholders with a holistic network overview in the APAC region.

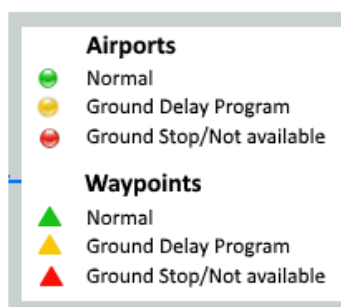


Figure 3: Colour Code of Different Status of Airports and Waypoints.

2.4 The website provides links to other ATFMU’s web portals by clicking on a particular airport on the map of the network overview page.

2.5 Stakeholders can have a better understanding of the project by going through the brief history of the project and downloading relevant documents such as the APAC Regional Framework for Collaborative ATFM, Regional ATFM Concept of Operations, etc. (See **Attachment** Figure D).

3. ACTION BY THE MEETING

3.1 The meeting is invited to:

- a) note the information contained in this paper;
- b) provide comments on the functionalities of the website; and
- c) discuss any relevant matters as appropriate.

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ATTACHMENT

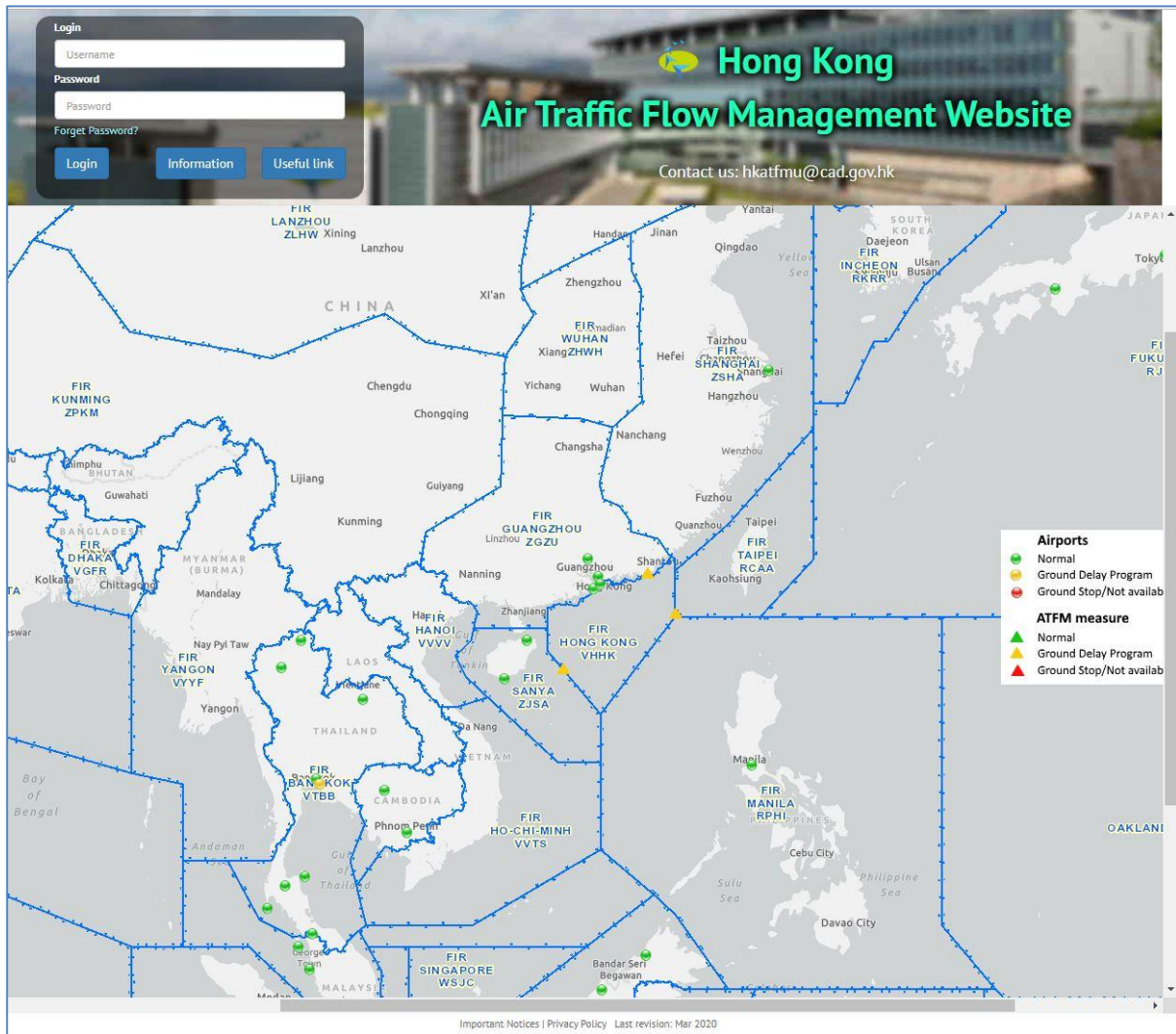


Figure A: Network overview of the front page

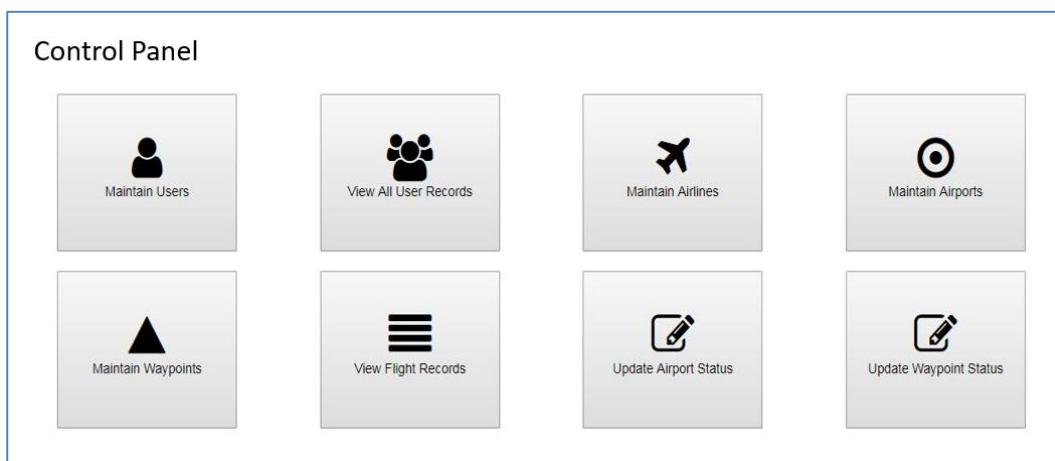


Figure B: Control panel for ATFMU personnel (different stakeholders have different functionalities)

Update Waypoint Status			
	Waypoint	Status	Visible
1	ASOBA	Normal	✗
2	BEKOL	Normal	✗
3	DOSUT	Normal	✗
4	DOTMI	Ground Delay Program	✓
5	ELATO	Normal	✗
6	ENVAR	Normal	✗
7	EPKAL	Normal	✗
8	FOXTROT	Normal	✗
9	IKELA	Ground Delay Program	✓
10	KAPLI	Ground Delay Program	✓

Figure C: Page for updating waypoint status

Hong Kong ATFM website

Information

The Project History

The Project History

CDM
DISTRIBUTED MULTI-NODAL AIR TRAFFIC FLOW MANAGEMENT

Download resources

- ATMOPS_MN Presentation
- Asia Pacific Regional Framework for Collaborative ATFM version 3.0
- Regional ATFM Concept of Operations

Figure D: This page shows the brief history of the project