

Harmony v7 QRG – Read Only Users

INTRODUCTION

Airservices Australia is implementing a new a version of Metron Harmony (v7.0.3) used to manage the Ground Delay Program into Melbourne, Sydney, Brisbane and Perth airports.

This Quick Reference Guide provides instructions for web client 'read only users' in the basic setup and use of Harmony v7.

Instructions on additional features are available in the *Metron Harmony* v7.0.3 Web User Guide.

LOGGING IN

1. To access Harmony, click on the new URL <u>https://atfm.airservicesaustralia.com</u>.



- 2. Log in using your current user name and password
 - If you forget or need to reset your password, click on "Forgot Password" and you will be redirected to the password self-service function.

NB: Harmony v7.0.3 works best on **Internet Explorer (10 & 11)** and **Firefox (45 ESR & 52 ESR)** (Windows & Linux).

HOME PAGE

- 1. Metron have significantly redesigned the user workflow in the web client. Once you have logged in, you will be directed to the Home Page.
- 2. The newly designed Home Page in Harmony v7.0.3 functions as a 'landing page' where you can see and access all your work views (formerly called display profiles) from one point. It contains four main components:



Work view preview

a. <u>Work view preview</u>s – a work view is a saved layout for a flight list or demand graph for an airport. If you have already set up and saved a work view, a preview will appear on the home page. (NB: When you open Harmony for the first time, you will see a blank page with no work view previews.)



b. Main toolbar



- c. Module & element selection
 - Module = flight list or demand graph (read only users cannot use edit mode)
 - Element = airport or FCA*



*FCA = Flow Constrained Area – we are not implementing this functionality in this release of v7.0.3.

SET UP A WORK VIEW (FLIGHT LIST ONLY)

- 1. Select an 'airport' and then 'flight list'.
- 2. Click 'go'.



- 3. This will display a flight list for your target airport see example below for YMML.
- 4. Some terminology has changed in v7.0.3:
 - ETA (Estimated Time of Arrival) = ELDT (Estimated Landing Time)
 - ETD (Estimated Time of Departure) = ETOT (Estimated Take Off Time)

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			YM	ML						2020-02-1	1 04:28 🔲 🛛	* 🕑 🔡 I 🔳) 🐼 ★ I 💿	ect Work View		
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	A	•		F11/1002	GIA717	NGG	PKGPX	YMMI	11/0330	11/0332	11/0124	4 0	0	11/0128	11/0244	10
	A		11/0310	A11/0332	JST708	QFA	VHVGD	ҮМНВ	11/0205	11/0220	11/0205		15	11/0210	11/0231	16
	A	•		E11/0523	JST436	QFA	VHVWZ	YMML	11/0205	11/0341		0	0		11/0336	14
	A		11/0347	A11/0339	QLK54D	QFA	VHQOD	YDPO	11/0250	11/0246	11/0251	1	-5	11/0255	11/0250	16
	L			L11/0551	VOZ1041	VOZ	VHVOM	YMML	11/0250	11/0250			0			
_	A		11/0342	A11/0343	QFA686	QFA	VHVYC	YPAD	11/0235	11/0235	11/0237			11/0244	11/0245	16
	A	•		E11/0437	JST709	QFA	VHVFO	YMML	11/0330	11/0348		0	0		11/0344	
	A 	•		E11/0429	JS1739	QFA		YMML	11/0325	11/0351	11/0224	0	4	11/0240	11/0345	24
	A	V	11/0409	E11/0453	QFA440	OFA	VHVYD	YMML	11/0330	11/0330	11/0334	4	-4	11/0202	11/0340	34L
	Α	0	1 10 408	E11/0441	VOZ229	V07	VHYWD	YMML	11/0340	11/0352	110100	0	0	1 1/02/03	11/0348	- 10
	A		11/0350	A11/0351	VOZ1034	voz	VHYID	YBSU	11/0135	11/0135	11/0138			11/0140	11/0153	16
-	A		11/0402	A11/0355	JST437	QFA	VHVWT	YBCG	11/0145	11/0145	11/0149		0	11/0157	11/0206	16
	A		11/0357	A11/0357	RXA3562	RXA	VHZXG	YWYY	11/0300	11/0300	11/0302	2	0	11/0308	11/0302	27
	A		11/0410	A11/0359	TGG663	VOZ	VHYVA	YSCB	11/0315	11/0315	11/0316	1	0	11/0321	11/0311	16
,	A	Ŷ		E11/0454	RXA3573	RXA	VHZRC	YMML	11/0350	11/0405		0	0		11/0401	
	A		11/0412	A11/0403	JST665	QFA	VHVFK	YAYE	11/0130	11/0130	11/0132			11/0139	11/0130	16
•	c			C11/0404	VOZ680	VOZ	VHYFC	YPPH	11/0000	11/0000	11/0002		-2	11/0009		16
-	A	•		E11/0606	JST796	QFA	VHVQR	YMML	11/0350	11/0409		0	0		11/0404	
	A	•		E11/0513	VOZ853	voz	VHYFY	YMML	11/0400	11/0400	11/0400	0	0	11/0406	11/0408	34L
	A ^		11/0415	A11/0400	VU2/38	054	VHVUP	TBUG	11/0200	11/0200	11/0202	2	-2	11/0210	11/0218	10
	A A	0	11/0305	E11/0518	QFA437		VHVZA	1551 VMM	11/0230	11/0240	11/0232	2	8	11/0243	11/0304	241
	A		11/0404	A11/0411	VOZ328	voz	VHYIU	YBBN	11/0155	11/0155	11/0157	2		11/0204	11/0220	16
	A	•		E11/0516	QFA7554	QFA	N854GT	YMML	11/0250	11/0250	11/0250		0	11/0256	11/0412	34L
	A		11/0427	A11/0413	VOZ846	voz	VHVOM	YSSY	11/0300	11/0300	11/0304		-4	11/0315	11/0309	16
	A	Ŷ		E11/0520	RXA3492	RXA	VHKDV	YMML	11/0400	11/0419		0	0		11/0414	
	A	•		E11/1152	MAS148	QFA	9MMTN	YMML	11/0410	11/0413		0	0		11/0416	
_	A		11/0417	A11/0417	QFA132	QFA	VHXZG	NZCH	11/0045	11/0045	11/0047		-2	11/0051	11/0101	16
	A	•		E11/0803	QFA777	QFA	VHVZS	YMML	11/0410	11/0410					11/0417	21
	A	•		E11/1248	JST29	QFA	VHVKK	YMML	11/0335	11/0418		0	0		11/0418	
-	A	•	11/0419	A11/0419	QFA619		VHVXI	YBBN	11/0210	11/0220	11/0212	2	8	11/0219	11/0229	16
	^ _	•		E11/0505	V07277	V07	VIIVOS	VMM	11/0415	11/0425	11/0411	0	-1	100417	11/0420	25
	A .	•		E11/0512	OI K285D	OFA	VHLOM	YMMI	11/0420	11/0420		0	0		11/0422	
	A	للمح	11/0425	A11/0422	JST517	QFA	VHVWW	YSSY	11/0300	11/0300	11/0302	2	0	11/0313	11/0315	16
	с			C11/0606	VOZ333	voz	VHYFF	YMML	11/0400	11/0400	11/0402			11/0408		19L
	A		11/0423	A11/0424	QFA439	QFA	VHVXM	YSSY	11/0300	11/0300	11/0300	0	0	11/0311	11/0317	16
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Set no. of records to display

5. Click 💷 next to a flight to expand to see a flight summary.

	Info	Status	Мар	Elem	Slot	ELDT		ACID		Major	AC Reg	ADEP	IOBT	ELOBT	COBT	COBT - IOBT	LOBT - COB
-	0	A		11/03	50	A11/03	51	VOZ1034		voz	VHYID	YBSU	11/0135	11/0135	11/0136		-1
	ACID (F	FID) voz	1034 (1389	870)	ADEP / DRv	ry / DFix	YBSU /	ı zzzz	ADES	/ ARwy / A	Fix YMML	/ 16 / ARBEY	Flight State	COMPLETED	Delay TOD (5)		
	Ma	ajor VOZ				AC Reg	VHYID			AC T	/pe B738		AC Type Group	JET			
	EC	DBT A11/	0149			ETOT	A11/015	53		EL	DT A11/03	51	EIBT	A11/0356			
	FPL Ro	ute DCT	DCT SU Q94 CANTY H119 ARBEY DCT														

- 6. Click 🖸 next to a flight to collapse the flight summary.
- 7. Click on the for more detailed flight information.

Flight Details for VOZ262																
VOZ262 (As of 00:52)																
Flight Information								Flight Leg Information								
ACID	ACID VOZ262					ajor VOZ						rture Arr		rival		
AC Type	AC Type AT78 AC				RBO					Airport	YSCB		YMML			
			Group		Runway 35							16		16		
AC Reg	AC Reg VHFVZ									Fix	DUBUS		BOYSE			
Delay Status	GDP		Alarm					Es	timate	d Fix Time	10/234	11	11/0036			
FPL Route	DCT DUBUS V1	69 BO	YSE DO	LTOD								0				
Flight Event Times													Ţ			
			OBT		тот	DE		Fatar	Evit	AEix	LDT	ID	Ŧ	FET		
I	a (E)	10/222	24	40/2220	10/22	× 	Enuy	EXIL	44/0028	11/0051	44/0	054	70			
	CSUMALE	al (A)	10/233	24	10/2220	10/23	41			11/0030	11/0051	11/0004		72		
		10/233	24	10/2220					11/0042	11/0055	11/0058		78			
		10/233	/7 15	10/2008		-			11/0042	11/0000	11/003		52			
	Airoraft Operate	or (1)	10/231	1-3			-					111003				
Stra	tegic Airport Sk	of (E)		-							11/0041	11/0	041			
Ma	Marketing Sebedule (S)										11/0011	1 1/0	• • •			
	Init	ial (l)	10/233	30	10/2335						11/0055	11/0	058	80		
Earliest A	ircraft Operator	(EL)	10/234	45	10/2350						11/0110	11/0113		80		
	Origina	al (O)	10/234	45	10/2350					11/0110		11/0113		80		
	e (B)	10/234	45	10/2350						11/0110 11/0		0113 80				
Orig	Original Calculated (OC)										11/0055	11/0	058	76		
Traffic Management Initiatives Controlling TMI YMML GDP-A (11/0030 - 11/0859)												ng TMI				
11/00554	11/00550					Exempt		Pop-Ur	,							
Slot Time, Rum	GDP		~	1												

8. You can add or delete columns. Click on Flight List Tools (main tool bar) and then select Manage Columns.



9. Drag and drop columns between Available Columns and Displayed Columns and then click 'save'.

Add/Remove Columns			×
Available Columns		Displayed Columns	
Name 🕇	Description	Name	Description
АС Туре	Aircraft Type	Status	Flight Status
AC Type Group	Base Aircraft Type Group	Element Slot	
ADES	Arrival Airport	ELDT	Estimated Landing Time
AEET	Actual Elapsed En Route	ACID	Aircraft ID
AFix	Arrival Fix	Major	Major Operator
AIBT	Actual In Block Time	AC Reg	Aircraft Registration
ALDT	Actual Landing Time	ADEP	Departure Airport
AOBT	Actual Off Block Time	IOBT	Initial Off Block Time
Airborne Max Delay	Airborne Max Delay	ELOBT	Earliest Aircraft Operator O
ВІВТ	Base Estimated In Block	COBT	Calculated Off Block Time
BLDT	Base Estimated Landing	COBT - IOBT	COBT - IOBT (minutes)
BOBT	Base Estimated Off Block	LOBT - COBT	POBT - COBT (minutes)
втот	Base Estimated Take Off	стот	Calculated Take Off Time
CAFT	Calculated Arrival Fix Time	ATOT	Actual Take Off Time
CEET	CLDT - CTOT	ARwy	Arrival Runway
CIBT	Calculated In Block Time		
CLDT	Calculated Landing Time		
CNIX	Cancelled		
CORT NOW			
	Save	Cancel	

APPLYING FILTERS

- 1. Click on the Flight Tools List on the main toolbar and then on the Filter button.
 - CID Q &
- 2. Filter on the fields below.

Flight List Filter											×
Aircraft	•	YN	IML								
Major 🗸 includes QFA X VOZ X 🗸		c	lear Filter								
	_		Status	Elem Slot	ELDT	ACID	Major	AC Reg	ADEP	ЮВТ	ELOB
Flight State includes ACTIVE	Y	÷			E11/0542	JST438	QFA	VHVGD	YMML	11/0355	11/
0		Ð	A		E11/0544	TGG252	voz	VHVUD	YMML	11/0425	11/
		•	A		E11/0545	QFA444	QFA	VHVXH	YMML	11/0430	11/
Route		Ð	A		E11/1301	CPA104	QFA	BLRT	YMML	11/0435	11/
		÷	A		E11/0733	JST940	QFA	VHVWN	YMML	11/0435	11/
ADEP includes YMML		Ð	Α		E11/1306	JST17	QFA	VHVKJ	YMML	11/0420	11/
0		Ð			E11/0639	CPA2022	QFA	BLJB	YMML	11/0435	11/
		Ð	A		E11/0603	JST514	QFA	VHVWX	YMML	11/0420	11/
		•	A		E11/0541	QFA1015	QFA	VHVZE	YMML	11/0455	11/
		Ð	A		E11/0649	VOZ749	voz	VHVUQ	YMML	11/0420	11/
Times		Ð			E11/0613	QFA446	QFA	VHVYC	YMML	11/0500	11/
		Ð	A		E11/0707	VOZ337	voz	VHYFS	YMML	11/0500	11/
ELDT		Ð	A		E11/0617	VOZ859	voz	VHYIU	YMML	11/0500	11/
10/0522	22	Ð	A		E11/0551	JST711	QFA	VHVWQ	YMML	11/0500	11/
		Ð			E11/0713	QFA626	QFA	VHVZX	YMML	11/0510	11/
●		Ð	A		E11/0903	TGG413	voz	VHYVA	YMML	11/0500	11/
		Ð	A		E11/0615	VOZ1328	voz	VHVUU	YMML	11/0510	11/
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3. Click 'save' to save filters for your work view.

SET UP A MULTI-PANE WORK VIEW

- 1. If you would like to set up a work view with a flight list and a demand graph, you will need to select a different layout configuration to display multiple views in the same window.
- 2. To do this, click 🛅 in the main toolbar.
- 3. This will bring up the different layout configuration options as follows:



4. Select 'left – right' for example. This will bring up the following screen:



Select demand graph and airport

- 5. Select the module and airport then press 'go'.
- 6. This will bring up the following two pane work view for YMML see overleaf.



SAVING YOUR WORK VIEW

- 1. To save a new work view (or changes to a work view), click on the in the main toolbar and the Save Work View dialog box opens.
- 2. Click Save
- If you have changed a system defined work view, you will be asked to 'rename it' –
 insert the name in the following: Name:
- 5. If you have saved a new Work View, it is added to the Work View list in System Settings, Home Page *Select Work View* dropdown and quick filter lists.

ACCESSING ADDITIONAL FEATURES

To discover and use additional features (eg. demand graphs, maps) in Harmony v7, read the *Metron Harmony v7.0.3 Web User Guide.*

FURTHER INFORMATION

For further information or assistance using Harmony, contact NCC on 1300 272 662.