

2012 Vic-Maui Race Handicap Certificate

Boat: **Anne Bonny**
 Type: Beneteau First 40.7
 Sail #: 50758
 Issue date of this certificate: **June 15, 2012** rev. #: **2**
 Vic-Maui Handicap: **67** sec/mi.

Compliance

I have read and understand my responsibilities with respect to maintaining my boat in compliance with this handicap certificate. I have reviewed the dimensions as submitted below and confirm that they are correct.

Owner's signature: _____ Date: _____
 Owner/charterer: **Fraser Hall**

Dimensions as submitted:

main		foretriangle		spinnaker		hull		propellor	
P	48.85	I	51.61	Sym	<input checked="" type="checkbox"/>	LOA	39.25	blades	2
E	17.71	J	14.47	SPL	14.29	LWL	34.83	exposd	<input checked="" type="checkbox"/>
HB	0.66	LP	20.16	LLS	51.10	Bm	12.25	in app	<input checked="" type="checkbox"/>
MGU	6.58	LLJ	51.50	G+	26.25	Dr	7.75	fldg	<input checked="" type="checkbox"/>
MGM	11.40			Asym	<input checked="" type="checkbox"/>	Displ	15200	fthrg	<input checked="" type="checkbox"/>
Launch date	2001			Sprit	0.00	Ballast	5950	solid	<input checked="" type="checkbox"/>
Design Date	1997			SLU	0.00				
Keel type	fin			SLE	0.00				
				SGF	0.00				

VM factors

Disp/Length	146	0.982				1.781%
Sail Area/Disp	33	0.991				0.888%
Sail Area/WS	3.52	0.993				0.694%
Keel & Rudder	fin	1.000	ratio	0.125		0.032%
Age Date	1998	0.997				0.329%
Total VM factor =						3.7%

Vic-Maui VPP: **501.2** sec/mi **45.2** Feet
 V M Handicap correction: **6.2** sec/mi **43.5** Feet
 VM constant: **-440** sec/mi
 Vic-Maui Handicap: **67** sec/mi

True wind angle	True wind speed						
	6	8	10	12	14	16	20
VMG Beating	958.2	787.7	699.1	658.2	633.9	0.0	0.0
90	552.2	482.3	445.8	426.8	0.0	0.0	0.0
110	0.0	491.3	445.6	417.2	394.4	381.6	366.5
120	0.0	505.8	455.6	425.7	402.3	381.6	0.0
150	0.0	656.5	549.0	489.6	452.6	427.2	387.7
VMG Running	0.0	758.1	633.7	555.4	502.8	465.3	417.7

True wind angle	True wind speed						
	6.00	8.00	10.00	12.00	14.00	16.00	20.00
VMG Beating	1.0%	0.8%	0.8%	0.3%	0.3%	xxxxx	xxxxx
90	0.8%	3.3%	3.3%	0.8%	xxxxx	xxxxx	xxxxx
110	xxxxx	1.2%	2.2%	2.2%	2.2%	1.7%	1.5%
120	xxxxx	1.1%	2.2%	4.5%	2.2%	1.1%	xxxxx
150	xxxxx	5.4%	6.7%	6.7%	4.0%	1.3%	2.7%
VMG Running	xxxxx	1.9%	5.8%	5.8%	8.7%	9.9%	7.6%

True wind angle	True wind speed						
	6.00	8.00	10.00	12.00	14.00	16.00	20.00
VMG Beating	9.58	6.30	5.59	1.97	1.90	xxxxx	xxxxx
90	4.42	15.92	14.71	3.41	xxxxx	xxxxx	xxxxx
110	xxxxx	5.90	9.80	9.18	8.68	6.49	5.50
120	xxxxx	5.56	10.02	19.16	8.85	4.20	xxxxx
150	xxxxx	35.45	36.78	32.81	18.10	5.55	10.47
VMG Running	xxxxx	14.40	36.76	32.21	43.75	46.07	31.75

True wind angle	True wind speed						
	6	8	10	12	14	16	20
VMG Beating	3.76	4.57	5.15	5.47	5.68	xxxxx	xxxxx
90	6.52	7.46	8.07	8.43	xxxxx	xxxxx	xxxxx
110	xxxxx	7.33	8.08	8.63	9.13	9.43	9.82
120	xxxxx	7.12	7.90	8.46	8.95	9.43	xxxxx
150	xxxxx	5.48	6.56	7.35	7.95	8.43	9.29
VMG Running	xxxxx	4.75	5.68	6.48	7.16	7.74	8.62