

2012 Vic-Maui Race Handicap Certificate

Boat Kinetic Vic-Maui Handicap: 55 sec/mi.
 Type Beneteau First 47.7
 Sail # 74373
 Issue date of this certificate: June 15, 2012 rev. # : 2

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: David Sutcliffe

Dimensions as submitted:

main		foretriangle		spinnaker		hull		propellor	
P	57.58	I	59.22	Sym	<input checked="" type="checkbox"/>	LOA	48.58	blades	3
E	21.16	J	17.19	SPL	18.65	LWL	41.33	exposd	<input checked="" type="checkbox"/>
HB	0.58	LP	26.42	LLS	62.87	Bm	14.75	in app	<input checked="" type="checkbox"/>
MGU	8.12	LLJ	59.82	G*	33.57	Dr	9.17	fldg	<input checked="" type="checkbox"/>
MGM	13.82			Asym	<input checked="" type="checkbox"/>	Displ	28356	ftthr	<input checked="" type="checkbox"/>
Launch date	2003			Sprit	0.00	Ballast	8377	solid	<input checked="" type="checkbox"/>
Design Date	1999			SLU	67.00				
Keel type	fin			SLE	59.00				
				SGF	32.84				

VM factors

Disp/Length	158	0.979				2.066%
Sail Area/Disp	32	0.991				0.926%
Sail Area/WS	3.81	0.996				0.434%
Keel & Rudder	fin	1.000	ratio	0.104		0.001%
Age Date	2000	0.998				0.229%
Total VM factor =						3.7%

Vic-Maui VPP 489.3 sec/mi 48.8 Feet
 V M Handicap correction 5.8 sec/mi 47.0 Feet
 VM constant -440 sec/mi
 Vic-Maui Handicap: 55 sec/mi

True wind angle	True wind speed						
	6	8	10	12	14	16	20
VMG Beating	1034.5	839.3	732.4	674.7	627.2	0.0	0.0
90	546.0	461.8	427.0	411.9	0.0	0.0	0.0
110	0.0	472.6	434.8	410.6	379.3	365.8	355.1
120	0.0	493.9	447.9	420.4	382.1	355.5	0.0
150	0.0	665.8	560.7	490.9	425.6	388.4	355.7
VMG Running	0.0	768.8	647.4	564.0	469.5	420.0	386.9

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	10.35	6.71	5.86	2.02	1.88	xxxxx	xxxxx
90	4.37	15.24	14.09	3.30	xxxxx	xxxxx	xxxxx
110	xxxxx	5.67	9.57	9.03	8.34	6.22	5.33
120	xxxxx	5.43	9.85	18.92	8.41	3.91	xxxxx
150	xxxxx	35.95	37.57	32.89	17.02	5.05	9.60
VMG Running	xxxxx	14.61	37.55	32.71	40.85	41.58	29.40

True wind angle	True wind speed						
	6	8	10	12	14	16	20
VMG Beating	3.48	4.29	4.92	5.34	5.74	xxxxx	xxxxx
90	6.59	7.80	8.43	8.74	xxxxx	xxxxx	xxxxx
110	xxxxx	7.62	8.28	8.77	9.49	9.84	10.14
120	xxxxx	7.29	8.04	8.56	9.42	10.13	xxxxx
150	xxxxx	5.41	6.42	7.33	8.46	9.27	10.12
VMG Running	xxxxx	4.68	5.56	6.38	7.67	8.57	9.30