

2012 Vic-Maui Race Handicap Certificate

Boat	Double Take	Vic-Maui Handicap:	-2	sec/mi.
Type	J/145			
Sail #	56203			
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:	
Owner/charterer:	Tom Huseby
Date:	

Dimensions as submitted:

main	foretriangle	spinnaker	hull	propellor
P 58.25	I 63	Sym <input checked="" type="checkbox"/>	LOA 48.08	blades 2
E 20.5	J 18	SPL 0.00	LWL 42.42	exposd <input checked="" type="checkbox"/>
HB 0.60	LP 27.50	LLS 0.00	Bm 13.08	in app <input checked="" type="checkbox"/>
MGU 7.65	LLJ 62.80	G* 0.00	Dr 8.75	fldg <input checked="" type="checkbox"/>
MGM 13.20		Asym <input checked="" type="checkbox"/>	Displ 21450	ftthr <input checked="" type="checkbox"/>
Launch date	2003	Sprit 26.50	Ballast 8350	solid <input checked="" type="checkbox"/>
Design Date	2000	SLU 74.34		
Keel type	fin	SLE 65.62		
		SGF 45.62		

Sprit = Sprit Length + J

VM factors

Disp/Length	114	0.990			0.968%
Sail Area/Disp	43	0.998			0.151%
Sail Area/WS	4.54	1.007			-0.736%
Keel & Rudder	fin	1.000	ratio	0.103	0.000%
Age Date	2001	0.998			0.197%
Total VM factor =					0.6%

Vic-Maui VPP	437.2	sec/mi	70.6	Feet
V M Handicap correction	0.7	sec/mi	70.1	Feet
VM constant	-440	sec/mi		
Vic-Maui Handicap:	-2	sec/mi		

True wind angle	True wind speed						
	6	8	10	12	14	16	20
VMG Beating	863.9	718.6	652.8	616.0	594.0	580.7	569.8
90	480.5	422.7	395.0	377.4	0.0	0.0	0.0
110	0.0	412.1	387.8	372.5	360.8	350.7	333.7
120	0.0	419.4	387.5	366.4	351.7	339.7	0.0
150	0.0	539.7	468.2	423.7	393.3	368.5	325.5
VMG Running	0.0	623.2	540.6	489.2	450.4	418.1	368.8

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	8.64	5.75	5.22	1.85	1.78	xxxxx	xxxxx
90	3.84	13.95	13.03	3.02	xxxxx	xxxxx	xxxxx
110	xxxxx	4.95	8.53	8.20	7.94	5.96	5.01
120	xxxxx	4.61	8.52	16.49	7.74	3.74	xxxxx
150	xxxxx	29.14	31.37	28.39	15.73	4.79	8.79
VMG Running	xxxxx	11.84	31.35	28.38	39.19	41.40	28.03

True wind angle	True wind speed						
	6	8	10	12	14	16	20
VMG Beating	4.17	5.01	5.52	5.84	6.06	xxxxx	xxxxx
90	7.49	8.52	9.11	9.54	xxxxx	xxxxx	xxxxx
110	xxxxx	8.74	9.28	9.66	9.98	10.27	10.79
120	xxxxx	8.58	9.29	9.82	10.23	10.60	xxxxx
150	xxxxx	6.67	7.69	8.50	9.15	9.77	11.06
VMG Running	xxxxx	5.78	6.66	7.36	7.99	8.61	9.76