

2012 Vic-Maui Race Handicap Certificate

Boat Bravo Zulu Vic-Maui Handicap: 61 sec/mi.
 Type Beneteau First 40.7
 Sail # 46720
 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: Denny Vaughan

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 15.25	LWL 34.83	exposd <input checked="" type="checkbox"/>
HB 0.50	LP 22.40	LLS 51.67	Bm 12.41	in app <input checked="" type="checkbox"/>
MGU 6.77	LLJ 51.45	G* 27.51	Dr 7.75	fldg <input checked="" type="checkbox"/>
MGM 11.38		Asym <input checked="" type="checkbox"/>	Displ 15200	ftthr <input checked="" type="checkbox"/>
Launch date 1999		Sprit 0.00	Ballast 5950	solid <input checked="" type="checkbox"/>
Design Date 1997		SLU 53.15		
Keel type fin		SLE 45.93		
		SGF 28.72		

VM factors

Disp/Length	146	0.982			1.781%
Sail Area/Disp	34	0.993			0.725%
Sail Area/WS	3.65	0.994			0.589%
Keel & Rudder	fin	1.000	ratio	0.125	0.032%
Age Date	1998	0.996			0.364%
Total VM factor =					3.5%

Vic-Maui VPP 494.9 sec/mi 47.0 Feet
 V M Handicap correction 5.6 sec/mi 45.4 Feet
 VM constant -440 sec/mi
 Vic-Maui Handicap: 61 sec/mi

True wind angle	True wind speed						
	6	8	10	12	14	16	20
VMG Beating	946.1	777.8	690.3	649.8	625.9	0.0	0.0
90	545.3	476.2	440.2	421.4	0.0	0.0	0.0
110	0.0	485.1	440.0	412.0	389.5	376.8	361.9
120	0.0	499.4	449.9	420.3	397.2	376.8	0.0
150	0.0	648.2	542.1	483.4	446.9	421.8	382.8
VMG Running	0.0	748.5	625.7	548.4	496.5	459.4	412.4

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	9.46	6.22	5.52	1.95	1.88	xxxxx	xxxxx
90	4.36	15.72	14.53	3.37	xxxxx	xxxxx	xxxxx
110	xxxxx	5.82	9.68	9.06	8.57	6.41	5.43
120	xxxxx	5.49	9.90	18.91	8.74	4.14	xxxxx
150	xxxxx	35.00	36.32	32.39	17.87	5.48	10.34
VMG Running	xxxxx	14.22	36.29	31.80	43.19	45.48	31.35

True wind angle	True wind speed						
	6	8	10	12	14	16	20
VMG Beating	3.81	4.63	5.22	5.54	5.75	xxxxx	xxxxx
90	6.60	7.56	8.18	8.54	xxxxx	xxxxx	xxxxx
110	xxxxx	7.42	8.18	8.74	9.24	9.55	9.95
120	xxxxx	7.21	8.00	8.56	9.06	9.55	xxxxx
150	xxxxx	5.55	6.64	7.45	8.06	8.53	9.40
VMG Running	xxxxx	4.81	5.75	6.57	7.25	7.84	8.73