

2012 Vic-Maui Race Handicap Certificate

Boat Turicum Vic-Maui Handicap: 89 sec/mi.
 Type C&C 44-1
 Sail # 74257
 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: Gunnar Johnson

Dimensions as submitted:

main	foretriangle	spinnaker	hull	propellor
P 51.8	I 59	Sym <input checked="" type="checkbox"/>	LOA 44.10	blades 2
E 15.8	J 17	SPL 17.00	LWL 35.20	exposd <input checked="" type="checkbox"/>
HB 0.50	LP 26.29	LLS 59.30	Bm 13.20	in app <input checked="" type="checkbox"/>
MGU 6.00	LLJ 59.25	G* 31.00	Dr 8.61	ftdg <input checked="" type="checkbox"/>
MGM 10.25		Asym <input checked="" type="checkbox"/>	Displ 24456	fthrg <input checked="" type="checkbox"/>
Launch date 1987		Sprit 0.00	Ballast 9850	solid <input checked="" type="checkbox"/>
Design Date 1984		SLU 59.00		
Keel type fin		SLE 52.50		
		SGF 32.80		

VM factors

Disp/Length	208	0.967				3.332%
Sail Area/Disp	29	0.987				1.261%
Sail Area/WS	3.84	0.996				0.402%
Keel & Rudder	fin	0.998	ratio	0.160		0.182%
Age Date	1985	0.990				0.995%
Total VM factor =						6.2%

Vic-Maui VPP 517.7 sec/mi 40.9 Feet
 V M Handicap correction 10.9 sec/mi 38.4 Feet
 VM constant -440 sec/mi
 Vic-Maui Handicap: 89 sec/mi

True wind angle	True wind speed						
	6	8	10	12	14	16	20
VMG Beating	1003.5	834.3	736.6	689.4	644.9	0.0	0.0
90	569.8	500.5	464.3	449.3	0.0	0.0	0.0
110	0.0	509.0	470.1	445.8	418.9	405.9	395.2
120	0.0	527.8	481.7	453.9	415.9	394.6	0.0
150	0.0	688.3	580.2	516.6	455.2	419.5	386.9
VMG Running	0.0	794.7	670.0	588.4	497.2	450.2	418.3

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	10.04	6.67	5.89	2.07	1.93	xxxxx	xxxxx
90	4.56	16.52	15.32	3.59	xxxxx	xxxxx	xxxxx
110	xxxxx	6.11	10.34	9.81	9.21	6.90	5.93
120	xxxxx	5.81	10.60	20.42	9.15	4.34	xxxxx
150	xxxxx	37.17	38.88	34.62	18.21	5.45	10.45
VMG Running	xxxxx	15.10	38.86	34.12	43.26	44.57	31.79

True wind angle	True wind speed						
	6	8	10	12	14	16	20
VMG Beating	3.59	4.32	4.89	5.22	5.58	xxxxx	xxxxx
90	6.32	7.19	7.75	8.01	xxxxx	xxxxx	xxxxx
110	xxxxx	7.07	7.66	8.07	8.59	8.87	9.11
120	xxxxx	6.82	7.47	7.93	8.66	9.12	xxxxx
150	xxxxx	5.23	6.20	6.97	7.91	8.58	9.31
VMG Running	xxxxx	4.53	5.37	6.12	7.24	8.00	8.61