

2012 Vic-Maui Race Handicap Certificate

Boat Ballymack Vic-Maui Handicap: 180 sec/mi.
 Type Hans Christian 48
 Sail # 74443
 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: Mike Cormack

Dimensions as submitted:

main	foretriangle	spinnaker	hull	propellor
P 47.92	I 53.42	Sym <input checked="" type="checkbox"/>	LOA 56.00	blades 3
E 17.12	J 26.33	SPL 0.00	LWL 41.40	exposd <input checked="" type="checkbox"/>
HB 0.42	LP 29.10	LLS 0.00	Bm 14.30	in app <input checked="" type="checkbox"/>
MGU 5.30	LLJ 51.90	G* 0.00	Dr 6.50	ftdg <input checked="" type="checkbox"/>
MGM 10.20		Asym <input checked="" type="checkbox"/>	Displ 44000	ftthr <input checked="" type="checkbox"/>
Launch date 1990		Sprit 0.00	Ballast 14700	solid <input checked="" type="checkbox"/>
Design Date 1981		SLU 56.00		
Keel type full		SLE 45.00		
		SGF 33.30		

VM factors

Disp/Length	215	0.965			3.496%
Sail Area/Disp	17	0.968			3.233%
Sail Area/WS	2.35	0.987			1.284%
Keel & Rudder	fin	0.906	ratio	0.533	9.363%
Age Date	1984	0.990			1.040%
Total VM factor =					18.4%

Vic-Maui VPP 577.6 sec/mi 29.5 Feet
 V M Handicap correction 42.6 sec/mi 24.1 Feet
 VM constant -440 sec/mi
 Vic-Maui Handicap: 180 sec/mi

True wind angle	True wind speed						
	6	8	10	12	14	16	20
VMG Beating	1119.6	930.8	821.8	769.1	719.5	0.0	0.0
90	635.7	558.4	518.0	501.3	0.0	0.0	0.0
110	0.0	567.9	524.5	497.4	467.3	452.9	440.9
120	0.0	588.8	537.5	506.3	464.0	440.2	0.0
150	0.0	767.9	647.3	576.4	507.8	468.0	431.6
VMG Running	0.0	886.6	747.5	656.4	554.7	502.3	466.6

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	11.20	7.45	6.57	2.31	2.16	xxxxx	xxxxx
90	5.09	18.43	17.09	4.01	xxxxx	xxxxx	xxxxx
110	xxxxx	6.81	11.54	10.94	10.28	7.70	6.61
120	xxxxx	6.48	11.82	22.79	10.21	4.84	xxxxx
150	xxxxx	41.46	43.37	38.62	20.31	6.08	11.65
VMG Running	xxxxx	16.85	43.35	38.07	48.26	49.73	35.46

True wind angle	True wind speed						
	6	8	10	12	14	16	20
VMG Beating	3.22	3.87	4.38	4.68	5.00	xxxxx	xxxxx
90	5.66	6.45	6.95	7.18	xxxxx	xxxxx	xxxxx
110	xxxxx	6.34	6.86	7.24	7.70	7.95	8.17
120	xxxxx	6.11	6.70	7.11	7.76	8.18	xxxxx
150	xxxxx	4.69	5.56	6.25	7.09	7.69	8.34
VMG Running	xxxxx	4.06	4.82	5.48	6.49	7.17	7.72