

2012 Vic-Maui Race Handicap Certificate

Boat Terremoto Vic-Maui Handicap: 4 sec/mi.
 Type Riptide 35
 Sail # 59902
 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: William Weinstein

Dimensions as submitted:

main		foretriangle		spinnaker		hull		propellor	
P	43.42	I	45.5	Sym	<input checked="" type="checkbox"/>	LOA	35.25	blades	0
E	15.6	J	13.17	SPL	0.00	LWL	31.33	exposd	<input checked="" type="checkbox"/>
HB	2.15	LP	13.78	LLS	0.00	Bm	11.25	in app	<input checked="" type="checkbox"/>
MGU	7.00	LLJ	47.10	G*	0.00	Dr	8.67	fldg	<input checked="" type="checkbox"/>
MGM	10.35			Asym	<input checked="" type="checkbox"/>	Displ	4700	ftthr	<input checked="" type="checkbox"/>
Launch date		1998		Sprit	23.17	Ballast	2250	solid	<input checked="" type="checkbox"/>
Design Date		1996		SLU	55.00				
Keel type		fin		SLE	46.90				
				SGF	33.50				

Sprit = Sprit Length + J

VM factors

Disp/Length	62	1.003						-0.320%
Sail Area/Disp	58	0.998						0.213%
Sail Area/WS	3.63	0.994						0.605%
Keel & Rudder	fin	0.999	ratio	0.062				0.073%
Age Date	1997	0.996						0.414%
Total VM factor =								1.0%

Vic-Maui VPP 442.3 sec/mi 67.8 Feet
 V M Handicap correction 1.3 sec/mi 67.1 Feet
 VM constant -440 sec/mi
 Vic-Maui Handicap: 4 sec/mi

True wind angle	True wind speed						
	6	8	10	12	14	16	20
VMG Beating	885.4	736.1	679.9	650.5	636.4	0.0	0.0
90	507.0	458.8	419.3	392.4	0.0	0.0	0.0
110	0.0	451.1	419.9	392.4	366.5	330.7	298.8
120	0.0	446.2	411.8	382.7	362.5	337.6	0.0
150	0.0	571.0	493.7	439.9	391.7	347.7	282.9
VMG Running	0.0	645.4	564.2	502.3	444.8	394.5	325.0

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	8.85	5.89	5.44	1.95	1.91	xxxxx	xxxxx
90	4.06	15.14	13.84	3.14	xxxxx	xxxxx	xxxxx
110	xxxxx	5.41	9.24	8.63	8.06	5.62	4.48
120	xxxxx	4.91	9.06	17.22	7.98	3.71	xxxxx
150	xxxxx	30.83	33.08	29.48	15.67	4.52	7.64
VMG Running	xxxxx	12.26	32.73	29.13	38.70	39.06	24.70

True wind angle	True wind speed						
	6	8	10	12	14	16	20
VMG Beating	4.07	4.89	5.30	5.53	5.66	xxxxx	xxxxx
90	7.10	7.85	8.59	9.17	xxxxx	xxxxx	xxxxx
110	xxxxx	7.98	8.57	9.17	9.82	10.89	12.05
120	xxxxx	8.07	8.74	9.41	9.93	10.66	xxxxx
150	xxxxx	6.30	7.29	8.18	9.19	10.35	12.73
VMG Running	xxxxx	5.58	6.38	7.17	8.09	9.13	11.08