

2012 Vic-Maui Race Handicap Certificate

Boat Red Sheilla Vic-Maui Handicap: 66 sec/mi.
 Type Beneteau 49 TR
 Sail # 74427
 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: Jim Innes

Dimensions as submitted:

main		foretriangle		spinnaker		hull		propellor	
P	54.3	I	55.77	Sym	<input checked="" type="checkbox"/>	LOA	49.54	blades	3
E	18.37	J	18.44	SPL	0.00	LWL	43.64	exposd	<input checked="" type="checkbox"/>
HB	0.55	LP	25.81	LLS	0.00	Bm	14.73	in app	<input checked="" type="checkbox"/>
MGU	8.92	LLJ	55.77	G*	0.00	Dr	6.89	fldg	<input checked="" type="checkbox"/>
MGM	13.67			Asym	<input checked="" type="checkbox"/>	Displ	36552	ftthr	<input checked="" type="checkbox"/>
Launch date		2008		Sprit	0.00	Ballast	9480	solid	<input checked="" type="checkbox"/>
Design Date		2006		SLU	65.00				
Keel type		fin		SLE	56.52				
				SGF	34.00				

VM factors

Disp/Length	178	0.974				2.568%
Sail Area/Disp	24	0.980				2.003%
Sail Area/WS	3.22	0.991				0.882%
Keel & Rudder	fin	0.998	ratio	0.166		0.219%
Age Date	2007	1.001				-0.085%
Total VM factor =						5.6%

Vic-Maui VPP 497.0 sec/mi 46.4 Feet
 V M Handicap correction 9.2 sec/mi 43.8 Feet
 VM constant -440 sec/mi
 Vic-Maui Handicap: 66 sec/mi

True wind angle	True wind speed						
	6	8	10	12	14	16	20
VMG Beating	1012.0	848.6	748.7	698.5	650.6	0.0	0.0
90	547.0	485.4	452.7	436.6	0.0	0.0	0.0
110	0.0	491.1	455.8	433.9	406.6	394.0	384.1
120	0.0	506.5	464.8	439.7	405.5	382.6	0.0
150	0.0	651.5	545.9	492.2	438.7	406.3	375.8
VMG Running	0.0	752.2	636.3	556.1	473.4	431.8	402.4

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	10.12	6.79	5.99	2.10	1.95	xxxxx	xxxxx
90	4.38	16.02	14.94	3.49	xxxxx	xxxxx	xxxxx
110	xxxxx	5.89	10.03	9.54	8.94	6.70	5.76
120	xxxxx	5.57	10.23	19.79	8.92	4.21	xxxxx
150	xxxxx	35.18	36.58	32.98	17.55	5.28	10.15
VMG Running	xxxxx	14.29	36.90	32.26	41.18	42.75	30.58

True wind angle	True wind speed						
	6	8	10	12	14	16	20
VMG Beating	3.56	4.24	4.81	5.15	5.53	xxxxx	xxxxx
90	6.58	7.42	7.95	8.24	xxxxx	xxxxx	xxxxx
110	xxxxx	7.33	7.90	8.30	8.85	9.14	9.37
120	xxxxx	7.11	7.74	8.19	8.88	9.41	xxxxx
150	xxxxx	5.53	6.59	7.31	8.21	8.86	9.58
VMG Running	xxxxx	4.79	5.66	6.47	7.60	8.34	8.95