

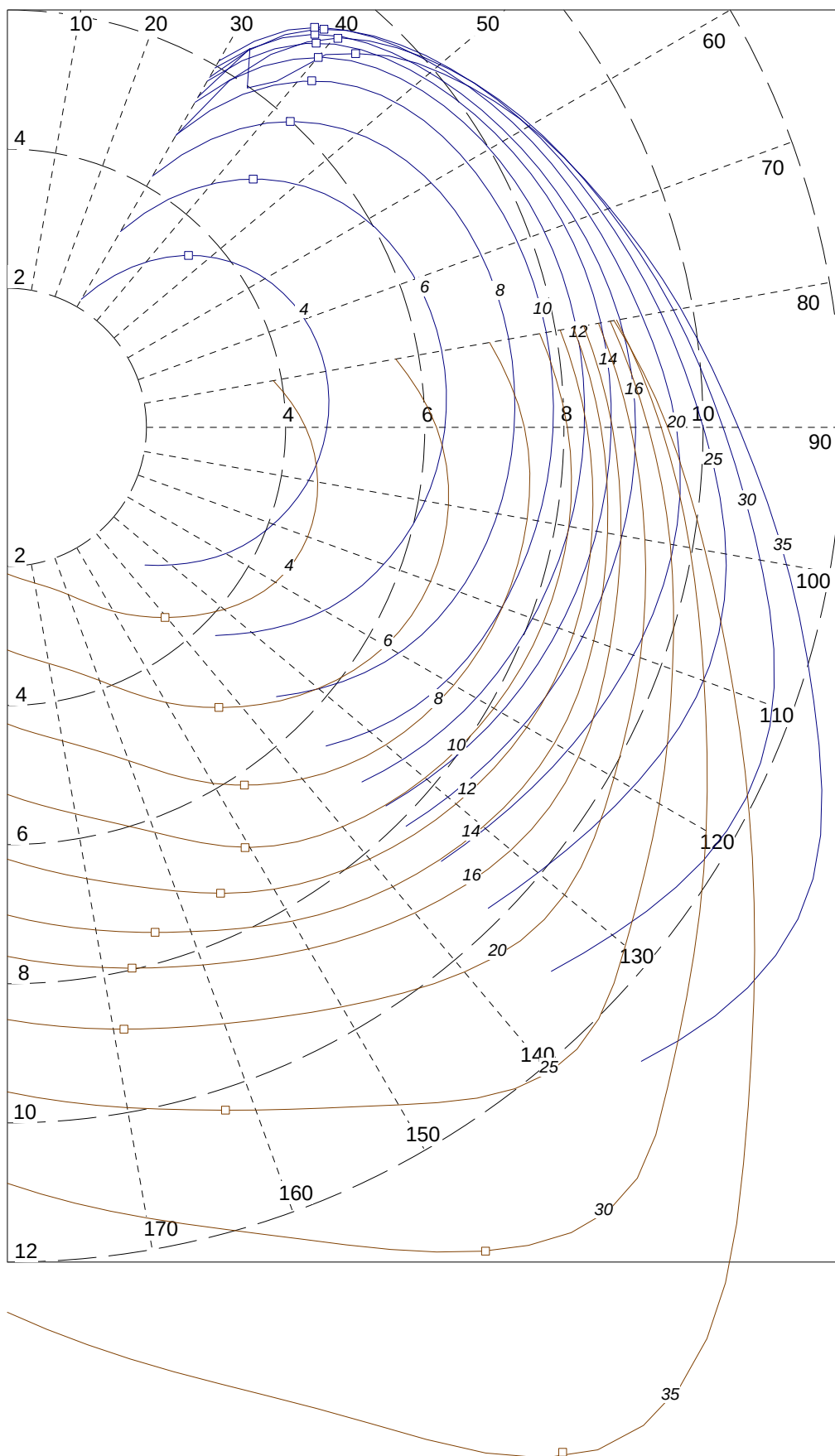


PERFORMANCE PREDICTION

A red wireframe illustration of a sailboat's hull and keel, positioned behind the title text. The hull is shown from a side-on perspective, with the keel extending downwards. The wireframe consists of numerous thin red lines forming a grid-like structure that outlines the shape of the boat.

**Beneteau First 40 – Design 608
T-keel and Carbon Mast
September 6, 2016**

Design 608 - First 40 - Deep T-keel / Carbon Rig
For Chantiers Beneteau



Best Boatspeeds (kt)

	4	6	8	10	12	14	16	20	25	30	35
30.0	2.13	3.25	4.17	4.86	5.40	5.75	5.97	6.08	5.81	4.84	5.49
33.0	2.45	3.71	4.71	5.48	6.00	6.32	6.53	6.66	6.52	6.03	6.48
36.0	2.75	4.11	5.18	5.98	6.46	6.76	6.95	7.09	7.02	6.70	5.88
39.0	3.02	4.46	5.58	6.37	6.84	7.11	7.27	7.39	7.37	7.18	6.71
42.0	3.27	4.77	5.91	6.70	7.13	7.36	7.50	7.61	7.62	7.51	7.23
45.0	3.49	5.05	6.20	6.96	7.36	7.56	7.68	7.80	7.84	7.76	7.58
50.0	3.81	5.44	6.57	7.28	7.64	7.82	7.93	8.07	8.14	8.12	8.00
60.0	4.28	5.96	7.04	7.63	8.01	8.23	8.35	8.53	8.65	8.69	8.66
70.0	4.55	6.24	7.25	7.80	8.22	8.52	8.69	8.91	9.08	9.19	9.22
80.0	4.65	6.34	7.32	7.86	8.30	8.66	8.94	9.26	9.53	9.72	9.83
90.0	4.59	6.29	7.43	8.05	8.33	8.68	9.03	9.62	10.00	10.29	10.51
100.0	4.53	6.44	7.59	8.19	8.54	8.76	8.97	9.73	10.49	10.99	11.37
110.0	4.59	6.47	7.57	8.20	8.66	8.97	9.22	9.68	10.65	11.71	12.37
120.0	4.45	6.28	7.41	8.08	8.62	9.08	9.48	10.07	10.82	11.84	13.31
130.0	4.07	5.84	7.10	7.84	8.42	8.93	9.45	10.45	11.59	12.75	13.96
135.0	3.82	5.55	6.88	7.68	8.27	8.79	9.30	10.43	12.02	13.42	14.96
140.0	3.57	5.24	6.60	7.49	8.10	8.62	9.11	10.22	12.11	14.09	16.06
150.0	3.05	4.57	5.91	6.97	7.66	8.19	8.66	9.62	11.24	13.67	16.97
160.0	2.56	3.87	5.10	6.19	7.09	7.71	8.22	9.12	10.44	12.42	15.23
170.0	2.27	3.45	4.58	5.64	6.59	7.34	7.88	8.78	9.93	11.54	13.78
180.0	-	-	-	-	-	-	-	-	-	-	-
Up.Vs(kts)	3.59	5.02	5.99	6.63	6.95	7.09	7.17	7.25	7.31	7.34	7.34
Up.Vs(s/m)	1002.3	716.5	601.0	543.0	518.2	507.9	501.9	496.5	492.3	490.6	490.2
Up.Vs(s/L)	6.6	4.7	4.0	3.6	3.4	3.4	3.3	3.3	3.3	3.2	3.2
Up.Bt	46.5	44.7	42.8	41.3	40.0	38.8	38.0	37.5	38.5	40.4	43.0
Up.Vmg(kts)	2.47	3.57	4.40	4.98	5.32	5.52	5.65	5.75	5.72	5.59	5.37
Up.Vmg(s/m)	1456.3	1008.4	818.8	722.8	676.9	651.8	637.0	626.2	629.0	643.8	670.1
Up.Heel	2.4	5.2	8.9	13.8	18.8	20.8	22.5	24.1	24.8	25.2	25.6
Up.Reef	1.00	1.00	1.00	1.00	1.00	1.00	1.00	0.95	0.84	0.74	0.65
Up.Flat	1.00	1.00	1.00	1.00	0.94	0.81	0.71	0.62	0.62	0.67	0.73
Up.Twist	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Up.Va	6.98	10.19	13.02	15.53	17.71	19.78	21.77	25.65	30.37	34.94	39.35
Up.Ba	24.6	24.4	24.3	24.4	24.4	24.5	24.7	25.7	27.7	30.2	33.1
Up.Leewy	2.43	2.60	2.95	3.46	3.99	4.18	4.36	4.75	5.26	5.83	6.44
Dn.Vs(kts)	3.55	5.05	6.17	6.94	7.37	7.56	7.98	8.81	10.30	13.69	16.76
Dn.Vs(s/m)	1013.7	713.4	583.6	518.8	488.7	475.9	451.3	408.6	349.4	263.0	214.8
Dn.Vs(s/L)	6.7	4.7	3.9	3.4	3.2	3.1	3.0	2.7	2.3	1.7	1.4
Dn.Bt	140.3	142.9	146.5	150.5	155.4	163.7	167.0	169.0	162.3	149.9	151.6
Dn.Vmg(kts)	2.73	4.03	5.14	6.04	6.70	7.26	7.77	8.65	9.81	11.84	14.73
Dn.Vmg(s/m)	1317.6	894.0	700.2	596.1	537.5	495.9	463.2	416.2	366.9	304.0	244.3
Dn.Heel	0.7	1.2	1.6	1.6	1.4	1.0	1.1	1.5	4.4	14.3	18.7
Dn.Reef	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Dn.Flat	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Dn.Twist	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Dn.Va	2.60	3.62	4.45	5.23	6.12	7.07	8.42	11.47	15.50	19.06	21.12
Dn.Ba	79.5	85.9	96.4	109.7	125.4	146.2	154.7	160.6	150.7	130.0	131.6
Dn.Leewy	0.56	0.49	0.42	0.33	0.25	0.17	0.16	0.17	0.34	0.43	0.27

Best Performance

	TWS	TWA	V	VMG	Heel	Reef	Flat	Twist	AWS	AWA	Lee	Sail
OptUp >	4.0	30.0	2.128	1.843	1.6	1.000	1.000	1.000	5.94	19.7	4.71	Up
	4.0	33.0	2.453	2.057	1.8	1.000	1.000	1.000	6.20	20.6	3.93	Up
	4.0	36.0	2.748	2.223	2.0	1.000	1.000	1.000	6.43	21.4	3.42	Up
	4.0	39.0	3.019	2.346	2.1	1.000	1.000	1.000	6.62	22.3	3.04	Up
	4.0	42.0	3.266	2.427	2.3	1.000	1.000	1.000	6.79	23.2	2.76	Up
	4.0	45.0	3.489	2.467	2.4	1.000	1.000	1.000	6.92	24.1	2.53	Up
	4.0	46.5	3.592	2.472	2.4	1.000	1.000	1.000	6.98	24.6	2.43	Up
	4.0	50.0	3.811	2.450	2.5	1.000	1.000	1.000	7.08	25.6	2.24	Up
	4.0	60.0	4.279	2.139	2.6	1.000	1.000	1.000	7.17	28.9	1.83	Up
	4.0	70.0	4.549	1.556	2.5	1.000	1.000	1.000	7.01	32.4	1.53	Up
OptDn >	4.0	80.0	4.649	0.807	2.2	1.000	1.000	1.000	6.64	36.4	1.30	Up
	4.0	90.0	4.594	-0.000	1.8	1.000	1.000	1.000	6.09	41.0	1.09	Up
	4.0	100.0	4.530	-0.787	2.5	1.000	1.000	1.000	5.50	45.7	1.26	Dn
	4.0	110.0	4.594	-1.571	2.3	1.000	1.000	1.000	4.95	49.3	1.12	Dn
	4.0	120.0	4.450	-2.225	1.9	1.000	1.000	1.000	4.24	54.7	0.97	Dn
	4.0	130.0	4.069	-2.615	1.2	1.000	1.000	1.000	3.41	63.9	0.78	Dn
	4.0	135.0	3.823	-2.703	0.9	1.000	1.000	1.000	3.00	70.6	0.67	Dn
	4.0	140.0	3.567	-2.732	0.7	1.000	1.000	1.000	2.62	78.9	0.56	Dn
	4.0	140.3	3.551	2.732	0.7	1.000	1.000	1.000	2.60	79.5	0.56	Dn
	4.0	150.0	3.053	-2.644	0.3	1.000	1.000	1.000	2.04	101.6	0.35	Dn
OptUp >	4.0	160.0	2.555	-2.401	0.1	1.000	1.000	1.000	1.82	131.3	0.17	Dn
	4.0	170.0	2.271	-2.237	0.0	1.000	1.000	1.000	1.81	157.4	0.09	Dn
	4.0	180.0	0.000	0.000	0.0	0.000	0.000	0.000	0.00	0.0	0.00	Up
	6.0	30.0	3.252	2.817	3.7	1.000	1.000	1.000	8.96	19.5	4.56	Up
	6.0	33.0	3.713	3.114	4.1	1.000	1.000	1.000	9.33	20.4	3.86	Up
	6.0	36.0	4.113	3.327	4.5	1.000	1.000	1.000	9.63	21.4	3.40	Up
	6.0	39.0	4.463	3.468	4.8	1.000	1.000	1.000	9.87	22.4	3.06	Up
	6.0	42.0	4.773	3.547	5.1	1.000	1.000	1.000	10.06	23.4	2.80	Up
	6.0	44.7	5.024	3.570	5.2	1.000	1.000	1.000	10.19	24.4	2.60	Up
	6.0	45.0	5.049	3.570	5.3	1.000	1.000	1.000	10.21	24.4	2.59	Up
OptDn >	6.0	50.0	5.437	3.495	5.5	1.000	1.000	1.000	10.36	26.2	2.30	Up
	6.0	60.0	5.961	2.981	5.5	1.000	1.000	1.000	10.35	30.0	1.90	Up
	6.0	70.0	6.241	2.135	5.1	1.000	1.000	1.000	10.02	34.1	1.59	Up
	6.0	80.0	6.341	1.101	4.4	1.000	1.000	1.000	9.45	38.6	1.33	Up
	6.0	90.0	6.288	-0.000	3.6	1.000	1.000	1.000	8.68	43.6	1.11	Up
	6.0	100.0	6.438	-1.118	5.7	1.000	1.000	1.000	7.98	47.5	1.35	Dn
	6.0	110.0	6.473	-2.214	5.1	1.000	1.000	1.000	7.15	51.8	1.19	Dn
	6.0	120.0	6.277	-3.138	4.0	1.000	1.000	1.000	6.13	57.7	1.00	Dn
	6.0	130.0	5.836	-3.752	2.7	1.000	1.000	1.000	5.00	66.7	0.78	Dn
	6.0	135.0	5.554	-3.927	2.1	1.000	1.000	1.000	4.44	72.8	0.67	Dn
OptDn >	6.0	140.0	5.240	-4.014	1.5	1.000	1.000	1.000	3.91	80.5	0.56	Dn
	6.0	142.9	5.046	4.027	1.2	1.000	1.000	1.000	3.62	85.9	0.49	Dn
	6.0	150.0	4.567	-3.955	0.7	1.000	1.000	1.000	3.07	101.8	0.34	Dn
	6.0	160.0	3.871	-3.637	0.2	1.000	1.000	1.000	2.71	130.7	0.17	Dn
	6.0	170.0	3.446	-3.394	0.1	1.000	1.000	1.000	2.67	157.1	0.08	Dn
	6.0	180.0	0.000	0.000	0.0	0.000	0.000	0.000	0.00	0.0	0.00	Up

Best Performance (cont)

	TWS	TWA	V	VMG	Heel	Reef	Flat	Twist	AWS	AWA	Lee	Sail
OptUp >	8.0	30.0	4.171	3.612	6.7	1.000	1.000	1.000	11.79	19.7	4.81	Up
	8.0	33.0	4.715	3.954	7.4	1.000	1.000	1.000	12.21	20.7	4.10	Up
	8.0	36.0	5.179	4.190	7.9	1.000	1.000	1.000	12.55	21.8	3.62	Up
	8.0	39.0	5.579	4.336	8.4	1.000	1.000	1.000	12.80	22.9	3.27	Up
	8.0	42.0	5.914	4.395	8.8	1.000	1.000	1.000	12.98	24.0	3.01	Up
	8.0	42.8	5.990	4.397	8.9	1.000	1.000	1.000	13.02	24.3	2.95	Up
	8.0	45.0	6.195	4.381	9.1	1.000	1.000	1.000	13.10	25.2	2.80	Up
	8.0	50.0	6.570	4.223	9.3	1.000	1.000	1.000	13.18	27.3	2.51	Up
	8.0	60.0	7.036	3.518	8.9	1.000	1.000	1.000	12.99	31.8	2.08	Up
	8.0	70.0	7.248	2.479	7.9	1.000	1.000	1.000	12.46	36.7	1.74	Up
OptDn >	8.0	80.0	7.317	1.271	6.6	1.000	1.000	1.000	11.71	42.0	1.45	Up
	8.0	90.0	7.433	-0.000	11.0	1.000	1.000	1.000	10.81	46.6	1.80	Dn
	8.0	100.0	7.585	-1.317	10.5	1.000	1.000	1.000	9.92	51.3	1.63	Dn
	8.0	110.0	7.568	-2.588	8.7	1.000	1.000	1.000	8.86	57.0	1.38	Dn
	8.0	120.0	7.409	-3.704	6.5	1.000	1.000	1.000	7.68	63.7	1.09	Dn
	8.0	130.0	7.099	-4.563	4.3	1.000	1.000	1.000	6.42	72.2	0.82	Dn
	8.0	135.0	6.875	-4.862	3.4	1.000	1.000	1.000	5.78	77.8	0.69	Dn
	8.0	140.0	6.598	-5.055	2.5	1.000	1.000	1.000	5.16	84.8	0.57	Dn
	8.0	146.5	6.169	5.141	1.6	1.000	1.000	1.000	4.45	96.4	0.42	Dn
	8.0	150.0	5.908	-5.116	1.2	1.000	1.000	1.000	4.13	104.3	0.34	Dn
OptUp >	8.0	160.0	5.096	-4.789	0.0	1.000	1.000	1.000	3.65	131.5	0.17	Dn
	8.0	170.0	4.576	-4.507	0.0	1.000	1.000	1.000	3.58	157.2	0.08	Dn
	8.0	180.0	0.000	0.000	0.0	0.000	0.000	0.000	0.00	0.0	0.00	Up
	10.0	30.0	4.862	4.211	10.5	1.000	1.000	1.000	14.39	20.0	5.33	Up
	10.0	33.0	5.483	4.599	11.7	1.000	1.000	1.000	14.86	21.0	4.54	Up
	10.0	36.0	5.975	4.834	12.7	1.000	1.000	1.000	15.19	22.2	4.04	Up
	10.0	39.0	6.374	4.953	13.4	1.000	1.000	1.000	15.41	23.4	3.68	Up
	10.0	41.3	6.630	4.981	13.8	1.000	1.000	1.000	15.53	24.4	3.46	Up
	10.0	42.0	6.701	4.980	13.9	1.000	1.000	1.000	15.55	24.7	3.40	Up
	10.0	45.0	6.964	4.924	14.2	1.000	1.000	1.000	15.62	26.0	3.18	Up
OptDn >	10.0	50.0	7.276	4.677	14.2	1.000	1.000	1.000	15.59	28.5	2.87	Up
	10.0	60.0	7.628	3.814	12.9	1.000	1.000	1.000	15.19	33.8	2.39	Up
	10.0	70.0	7.801	2.668	11.0	1.000	1.000	1.000	14.53	39.4	1.98	Up
	10.0	80.0	7.865	1.366	9.0	1.000	1.000	1.000	13.67	45.4	1.64	Up
	10.0	90.0	8.049	-0.000	19.2	1.000	1.000	1.000	12.41	49.6	2.34	Dn
	10.0	100.0	8.193	-1.423	17.1	1.000	1.000	1.000	11.42	55.6	2.02	Dn
	10.0	110.0	8.199	-2.804	13.0	1.000	1.000	1.000	10.33	62.4	1.62	Dn
	10.0	120.0	8.076	-4.038	9.2	1.000	1.000	1.000	9.09	70.2	1.24	Dn
	10.0	130.0	7.837	-5.038	6.1	1.000	1.000	1.000	7.75	79.5	0.90	Dn
	10.0	135.0	7.680	-5.431	4.7	1.000	1.000	1.000	7.07	85.1	0.75	Dn
OptDn >	10.0	140.0	7.494	-5.740	3.6	1.000	1.000	1.000	6.42	91.5	0.60	Dn
	10.0	150.0	6.972	-6.038	1.7	1.000	1.000	1.000	5.28	108.7	0.35	Dn
	10.0	150.5	6.939	6.039	1.6	1.000	1.000	1.000	5.23	109.7	0.33	Dn
	10.0	160.0	6.195	-5.821	0.0	1.000	1.000	1.000	4.69	133.1	0.17	Dn
	10.0	170.0	5.640	-5.554	0.0	1.000	1.000	1.000	4.55	157.6	0.09	Dn
	10.0	180.0	0.000	0.000	0.0	0.000	0.000	0.000	0.00	0.0	0.00	Up

Best Performance (cont)

	<i>TWS</i>	<i>TWA</i>	<i>V</i>	<i>VMG</i>	<i>Heel</i>	<i>Reef</i>	<i>Flat</i>	<i>Twist</i>	<i>AWS</i>	<i>AWA</i>	<i>Lee</i>	<i>Sail</i>
<i>OptUp ></i>	12.0	30.0	5.397	4.674	14.1	1.000	0.913	1.000	16.83	20.2	5.49	Up
	12.0	33.0	5.997	5.029	15.9	1.000	0.920	1.000	17.25	21.4	4.80	Up
	12.0	36.0	6.463	5.229	17.3	1.000	0.926	1.000	17.52	22.6	4.37	Up
	12.0	39.0	6.837	5.314	18.4	1.000	0.936	1.000	17.68	23.9	4.07	Up
	12.0	40.0	6.947	5.319	18.8	1.000	0.941	1.000	17.71	24.4	3.99	Up
	12.0	42.0	7.133	5.301	19.4	1.000	0.953	1.000	17.75	25.3	3.87	Up
	12.0	45.0	7.356	5.202	20.2	1.000	0.973	1.000	17.73	26.7	3.73	Up
	12.0	50.0	7.636	4.908	20.7	1.000	1.000	1.000	17.60	29.3	3.50	Up
	12.0	60.0	8.006	4.003	18.3	1.000	1.000	1.000	17.13	35.2	2.83	Up
	12.0	70.0	8.216	2.810	15.0	1.000	1.000	1.000	16.44	41.5	2.28	Up
<i>OptDn ></i>	12.0	80.0	8.303	1.442	11.8	1.000	1.000	1.000	15.55	48.1	1.84	Up
	12.0	90.0	8.331	-0.000	23.3	0.941	1.000	1.000	13.81	52.9	2.70	Dn
	12.0	100.0	8.535	-1.482	23.6	0.989	1.000	1.000	12.60	59.2	2.46	Dn
	12.0	110.0	8.661	-2.962	18.7	1.000	1.000	1.000	11.61	66.9	1.91	Dn
	12.0	120.0	8.621	-4.310	12.7	1.000	1.000	1.000	10.47	75.5	1.41	Dn
	12.0	130.0	8.418	-5.411	8.1	1.000	1.000	1.000	9.13	85.6	1.01	Dn
	12.0	135.0	8.273	-5.850	6.3	1.000	1.000	1.000	8.44	91.4	0.83	Dn
	12.0	140.0	8.100	-6.205	4.7	1.000	1.000	1.000	7.76	98.1	0.66	Dn
	12.0	150.0	7.663	-6.637	2.3	1.000	1.000	1.000	6.59	114.5	0.37	Dn
	12.0	155.4	7.366	6.697	1.4	1.000	1.000	1.000	6.12	125.4	0.25	Dn
<i>OptUp ></i>	12.0	160.0	7.091	-6.663	1.0	1.000	1.000	1.000	5.86	135.6	0.19	Dn
	12.0	170.0	6.586	-6.486	0.0	1.000	1.000	1.000	5.63	158.3	0.09	Dn
	12.0	180.0	0.000	0.000	0.0	0.000	0.000	0.000	0.00	0.0	0.00	Up
	14.0	30.0	5.751	4.981	17.0	1.000	0.799	1.000	19.09	20.5	5.55	Up
	14.0	33.0	6.322	5.302	18.7	1.000	0.802	1.000	19.45	21.8	4.89	Up
	14.0	36.0	6.764	5.472	19.9	1.000	0.805	1.000	19.68	23.2	4.45	Up
	14.0	38.8	7.087	5.524	20.8	1.000	0.812	1.000	19.78	24.5	4.18	Up
	14.0	39.0	7.110	5.525	20.9	1.000	0.813	1.000	19.78	24.6	4.16	Up
	14.0	42.0	7.363	5.471	21.8	1.000	0.828	1.000	19.78	26.1	3.99	Up
	14.0	45.0	7.558	5.344	22.4	1.000	0.846	1.000	19.71	27.7	3.86	Up
<i>OptDn ></i>	14.0	50.0	7.817	5.025	23.1	1.000	0.883	1.000	19.50	30.4	3.68	Up
	14.0	60.0	8.225	4.113	23.9	1.000	0.983	1.000	18.83	36.1	3.38	Up
	14.0	70.0	8.517	2.913	20.1	1.000	1.000	1.000	18.15	42.9	2.67	Up
	14.0	80.0	8.661	1.504	15.6	1.000	1.000	1.000	17.30	50.1	2.09	Up
	14.0	90.0	8.680	-0.000	11.6	1.000	1.000	1.000	16.23	57.7	1.64	Up
	14.0	100.0	8.758	-1.521	23.9	0.912	1.000	1.000	14.10	63.3	2.50	Dn
	14.0	110.0	8.970	-3.068	24.3	0.989	1.000	1.000	12.70	70.8	2.23	Dn
	14.0	120.0	9.081	-4.540	17.5	1.000	1.000	1.000	11.75	79.8	1.60	Dn
	14.0	130.0	8.928	-5.739	10.6	1.000	1.000	1.000	10.54	90.4	1.11	Dn
	14.0	135.0	8.786	-6.213	8.1	1.000	1.000	1.000	9.86	96.5	0.91	Dn
<i>OptDn ></i>	14.0	140.0	8.617	-6.601	6.0	1.000	1.000	1.000	9.19	103.2	0.72	Dn
	14.0	150.0	8.193	-7.095	2.9	1.000	1.000	1.000	8.02	119.4	0.40	Dn
	14.0	160.0	7.712	-7.247	1.4	1.000	1.000	1.000	7.25	138.7	0.22	Dn
	14.0	163.7	7.564	7.259	1.0	1.000	1.000	1.000	7.07	146.2	0.17	Dn
	14.0	170.0	7.335	-7.224	0.0	1.000	1.000	1.000	6.89	159.4	0.10	Dn
	14.0	180.0	0.000	0.000	0.0	0.000	0.000	0.000	0.00	0.0	0.00	Up

Best Performance (cont)

	TWS	TWA	V	VMG	Heel	Reef	Flat	Twist	AWS	AWA	Lee	Sail
OptUp >	16.0	30.0	5.966	5.167	19.2	1.000	0.700	1.000	21.21	20.9	5.69	Up
	16.0	33.0	6.525	5.473	20.7	1.000	0.698	1.000	21.55	22.2	4.99	Up
	16.0	36.0	6.952	5.624	21.8	1.000	0.701	1.000	21.73	23.7	4.56	Up
	16.0	38.0	7.173	5.651	22.5	1.000	0.706	1.000	21.77	24.7	4.36	Up
	16.0	39.0	7.267	5.648	22.8	1.000	0.711	1.000	21.78	25.2	4.30	Up
	16.0	42.0	7.496	5.571	23.5	1.000	0.723	1.000	21.73	26.9	4.12	Up
	16.0	45.0	7.679	5.430	24.0	1.000	0.740	1.000	21.62	28.6	3.98	Up
	16.0	50.0	7.932	5.099	24.5	0.990	0.791	1.000	21.36	31.5	3.79	Up
	16.0	60.0	8.351	4.176	24.4	0.949	0.970	1.000	20.65	37.7	3.47	Up
	16.0	70.0	8.692	2.973	24.7	0.989	1.000	1.000	19.68	44.0	3.10	Up
	16.0	80.0	8.938	1.552	20.1	1.000	1.000	1.000	18.88	51.6	2.39	Up
	16.0	90.0	9.030	-0.000	14.6	1.000	1.000	1.000	17.92	59.7	1.81	Up
OptDn >	16.0	100.0	8.971	-1.558	10.3	1.000	1.000	1.000	16.69	68.2	1.38	Up
	16.0	110.0	9.217	-3.152	24.6	0.922	1.000	1.000	14.18	74.7	2.25	Dn
	16.0	120.0	9.480	-4.740	22.9	1.000	1.000	1.000	12.85	83.4	1.83	Dn
	16.0	130.0	9.452	-6.075	13.8	1.000	1.000	1.000	11.93	94.0	1.21	Dn
	16.0	135.0	9.305	-6.579	10.3	1.000	1.000	1.000	11.31	100.2	0.98	Dn
	16.0	140.0	9.110	-6.978	7.5	1.000	1.000	1.000	10.67	107.2	0.78	Dn
	16.0	150.0	8.657	-7.497	3.7	1.000	1.000	1.000	9.53	123.1	0.45	Dn
	16.0	160.0	8.222	-7.726	1.8	1.000	1.000	1.000	8.74	141.2	0.25	Dn
	16.0	167.0	7.976	7.772	1.1	1.000	1.000	1.000	8.42	154.7	0.16	Dn
	16.0	170.0	7.883	-7.763	0.0	1.000	1.000	1.000	8.35	160.6	0.12	Dn
	16.0	180.0	0.000	0.000	0.0	0.000	0.000	0.000	0.00	0.0	0.00	Up
OptUp >	20.0	30.0	6.085	5.270	22.2	1.000	0.544	1.000	25.17	21.6	6.23	Up
	20.0	33.0	6.657	5.583	23.3	0.990	0.552	1.000	25.48	23.1	5.39	Up
	20.0	36.0	7.088	5.734	23.7	0.960	0.594	1.000	25.64	24.8	4.89	Up
	20.0	37.5	7.250	5.749	24.1	0.949	0.615	1.000	25.65	25.7	4.75	Up
	20.0	39.0	7.388	5.741	24.2	0.937	0.638	1.000	25.64	26.6	4.63	Up
	20.0	42.0	7.614	5.658	24.6	0.919	0.681	1.000	25.56	28.4	4.44	Up
	20.0	45.0	7.801	5.516	24.8	0.904	0.723	1.000	25.42	30.3	4.28	Up
	20.0	50.0	8.071	5.188	24.8	0.873	0.819	1.000	25.13	33.6	4.06	Up
	20.0	60.0	8.528	4.264	24.7	0.840	0.999	1.000	24.31	40.3	3.67	Up
	20.0	70.0	8.905	3.046	25.1	0.888	1.000	1.000	23.19	47.2	3.24	Up
	20.0	80.0	9.261	1.608	25.2	0.951	1.000	1.000	21.90	54.4	2.84	Up
	20.0	90.0	9.615	-0.000	22.6	1.000	1.000	1.000	20.82	62.5	2.25	Up
OptDn >	20.0	100.0	9.728	-1.689	15.7	1.000	1.000	1.000	19.97	71.7	1.61	Up
	20.0	110.0	9.679	-3.310	25.4	0.814	1.000	1.000	17.22	80.5	2.28	Dn
	20.0	120.0	10.069	-5.034	26.2	0.913	1.000	1.000	15.54	89.7	1.94	Dn
	20.0	130.0	10.452	-6.719	22.5	1.000	1.000	1.000	14.36	99.6	1.40	Dn
	20.0	135.0	10.432	-7.376	16.5	1.000	1.000	1.000	14.06	105.3	1.08	Dn
	20.0	140.0	10.219	-7.828	11.4	1.000	1.000	1.000	13.59	112.0	0.85	Dn
	20.0	150.0	9.616	-8.328	5.7	1.000	1.000	1.000	12.58	127.7	0.53	Dn
	20.0	160.0	9.121	-8.571	3.1	1.000	1.000	1.000	11.84	144.8	0.33	Dn
	20.0	169.0	8.811	8.650	1.5	1.000	1.000	1.000	11.47	160.6	0.17	Dn
	20.0	170.0	8.782	-8.648	0.0	1.000	1.000	1.000	11.45	162.3	0.15	Dn
	20.0	180.0	0.000	0.000	0.0	0.000	0.000	0.000	0.00	0.0	0.00	Up

Best Performance (cont)

	TWS	TWA	V	VMG	Heel	Reef	Flat	Twist	AWS	AWA	Lee	Sail
OptUp >	25.0	30.0	5.811	5.032	23.0	0.918	0.498	1.000	29.78	22.7	7.61	Up
	25.0	33.0	6.518	5.467	23.8	0.890	0.532	1.000	30.18	24.4	6.27	Up
	25.0	36.0	7.019	5.679	24.5	0.861	0.579	1.000	30.35	26.1	5.61	Up
	25.0	38.5	7.313	5.723	24.8	0.838	0.623	1.000	30.37	27.7	5.26	Up
	25.0	39.0	7.369	5.727	24.8	0.834	0.633	1.000	30.37	28.1	5.20	Up
	25.0	42.0	7.625	5.666	25.0	0.810	0.690	1.000	30.28	30.1	4.94	Up
	25.0	45.0	7.836	5.541	25.0	0.789	0.750	1.000	30.13	32.1	4.74	Up
	25.0	50.0	8.140	5.233	25.1	0.762	0.850	1.000	29.78	35.6	4.46	Up
	25.0	60.0	8.651	4.325	25.2	0.744	1.000	1.000	28.83	42.8	3.95	Up
	25.0	70.0	9.084	3.107	25.6	0.789	1.000	1.000	27.57	50.2	3.45	Up
	25.0	80.0	9.533	1.655	25.8	0.846	1.000	1.000	26.15	58.0	2.96	Up
	25.0	90.0	10.002	-0.000	26.1	0.924	1.000	1.000	24.58	66.0	2.51	Up
	25.0	100.0	10.489	-1.821	24.6	1.000	1.000	1.000	23.22	74.6	1.98	Up
	25.0	110.0	10.651	-3.643	16.8	1.000	1.000	1.000	22.59	84.7	1.36	Up
OptDn >	25.0	120.0	10.821	-5.410	27.5	0.804	1.000	1.000	19.28	95.0	1.88	Dn
	25.0	130.0	11.595	-7.453	29.0	0.943	1.000	1.000	17.34	105.0	1.44	Dn
	25.0	135.0	12.019	-8.499	26.8	1.000	1.000	1.000	16.76	109.7	1.13	Dn
	25.0	140.0	12.109	-9.276	19.4	1.000	1.000	1.000	16.71	114.9	0.82	Dn
	25.0	150.0	11.244	-9.738	9.2	1.000	1.000	1.000	16.14	130.1	0.54	Dn
	25.0	160.0	10.440	-9.811	5.1	1.000	1.000	1.000	15.58	146.9	0.38	Dn
	25.0	162.3	10.302	9.813	4.4	1.000	1.000	1.000	15.50	150.7	0.34	Dn
	25.0	170.0	9.927	-9.777	0.0	1.000	1.000	1.000	15.32	163.5	0.19	Dn
	25.0	180.0	0.000	0.000	0.0	0.000	0.000	0.000	0.00	0.0	0.00	Up
OptUp >	30.0	30.0	4.845	4.195	22.4	0.850	0.465	1.000	33.80	24.2	11.61	Up
	30.0	33.0	6.034	5.061	24.0	0.808	0.525	1.000	34.58	25.6	8.05	Up
	30.0	36.0	6.700	5.420	24.7	0.776	0.581	1.000	34.87	27.3	6.77	Up
	30.0	39.0	7.184	5.583	25.1	0.748	0.639	1.000	34.97	29.3	6.02	Up
	30.0	40.4	7.338	5.592	25.2	0.737	0.668	1.000	34.94	30.2	5.83	Up
	30.0	42.0	7.513	5.583	25.3	0.724	0.702	1.000	34.90	31.3	5.61	Up
	30.0	45.0	7.765	5.491	25.3	0.704	0.765	1.000	34.75	33.5	5.31	Up
	30.0	50.0	8.117	5.217	25.4	0.679	0.869	1.000	34.38	37.2	4.93	Up
	30.0	60.0	8.692	4.346	25.7	0.669	1.000	1.000	33.31	44.7	4.30	Up
	30.0	70.0	9.186	3.142	26.2	0.710	1.000	1.000	31.91	52.5	3.72	Up
	30.0	80.0	9.721	1.688	26.5	0.763	1.000	1.000	30.37	60.6	3.14	Up
	30.0	90.0	10.286	-0.000	27.1	0.837	1.000	1.000	28.62	68.9	2.64	Up
	30.0	100.0	10.989	-1.908	27.5	0.927	1.000	1.000	26.84	77.6	2.10	Up
	30.0	110.0	11.707	-4.004	25.0	1.000	1.000	1.000	25.60	86.8	1.51	Up
	30.0	120.0	11.841	-5.920	17.0	1.000	1.000	1.000	25.05	97.2	1.03	Up
OptDn >	30.0	130.0	12.746	-8.193	30.7	0.852	1.000	1.000	20.81	108.3	1.27	Dn
	30.0	135.0	13.420	-9.489	31.7	0.941	1.000	1.000	19.66	113.3	1.03	Dn
	30.0	140.0	14.087	-10.791	28.8	1.000	1.000	1.000	19.09	117.8	0.75	Dn
	30.0	149.9	13.691	11.840	14.3	1.000	1.000	1.000	19.06	130.0	0.43	Dn
	30.0	150.0	13.672	-11.840	14.2	1.000	1.000	1.000	19.05	130.2	0.43	Dn
	30.0	160.0	12.418	-11.669	7.5	1.000	1.000	1.000	18.77	147.2	0.33	Dn
	30.0	170.0	11.538	-11.363	0.0	1.000	1.000	1.000	18.74	163.9	0.18	Dn
	30.0	180.0	0.000	0.000	0.0	0.000	0.000	0.000	0.00	0.0	0.00	Up

Best Performance (cont)

	TWS	TWA	V	VMG	Heel	Reef	Flat	Twist	AWS	AWA	Lee	Sail
	35.0	30.0	5.486	4.751	27.5	0.692	0.481	1.000	39.02	23.4	9.09	Up
	35.0	33.0	6.481	5.435	35.0	0.946	0.945	1.000	39.09	23.5	0.74	Up
	35.0	36.0	5.877	4.754	23.1	0.640	0.728	1.000	39.08	29.0	9.59	Up
	35.0	39.0	6.712	5.217	25.1	0.683	0.640	1.000	39.34	30.5	7.51	Up
	35.0	42.0	7.230	5.373	25.5	0.659	0.706	1.000	39.39	32.4	6.61	Up
OptUp >	35.0	43.0	7.343	5.373	25.6	0.652	0.727	1.000	39.35	33.1	6.44	Up
	35.0	45.0	7.575	5.357	25.7	0.639	0.771	1.000	39.27	34.6	6.09	Up
	35.0	50.0	8.001	5.143	25.8	0.617	0.873	1.000	38.89	38.4	5.53	Up
	35.0	60.0	8.661	4.330	26.2	0.608	1.000	1.000	37.73	46.1	4.72	Up
	35.0	70.0	9.215	3.152	26.8	0.645	1.000	1.000	36.19	54.2	4.05	Up
	35.0	80.0	9.827	1.706	27.4	0.696	1.000	1.000	34.50	62.5	3.39	Up
	35.0	90.0	10.506	-0.000	28.1	0.764	1.000	1.000	32.61	71.2	2.79	Up
	35.0	100.0	11.374	-1.975	28.8	0.849	1.000	1.000	30.67	80.1	2.17	Up
	35.0	110.0	12.374	-4.232	29.3	0.951	1.000	1.000	28.70	89.2	1.61	Up
	35.0	120.0	13.313	-6.657	24.4	1.000	1.000	1.000	27.92	98.6	1.01	Up
	35.0	130.0	13.964	-8.976	32.3	0.779	1.000	1.000	24.22	110.6	1.09	Dn
	35.0	135.0	14.960	-10.579	33.4	0.863	1.000	1.000	22.86	115.4	0.84	Dn
	35.0	140.0	16.055	-12.299	34.4	0.960	1.000	1.000	21.46	120.1	0.62	Dn
	35.0	150.0	16.973	-14.699	21.0	1.000	1.000	1.000	21.09	129.2	0.28	Dn
OptDn >	35.0	151.6	16.758	14.734	18.7	1.000	1.000	1.000	21.12	131.6	0.27	Dn
	35.0	160.0	15.234	-14.316	10.3	1.000	1.000	1.000	21.22	146.3	0.23	Dn
	35.0	170.0	13.784	-13.575	4.4	1.000	1.000	1.000	21.55	163.7	0.14	Dn
	35.0	180.0	0.000	0.000	0.0	0.000	0.000	0.000	0.00	0.0	0.00	Up