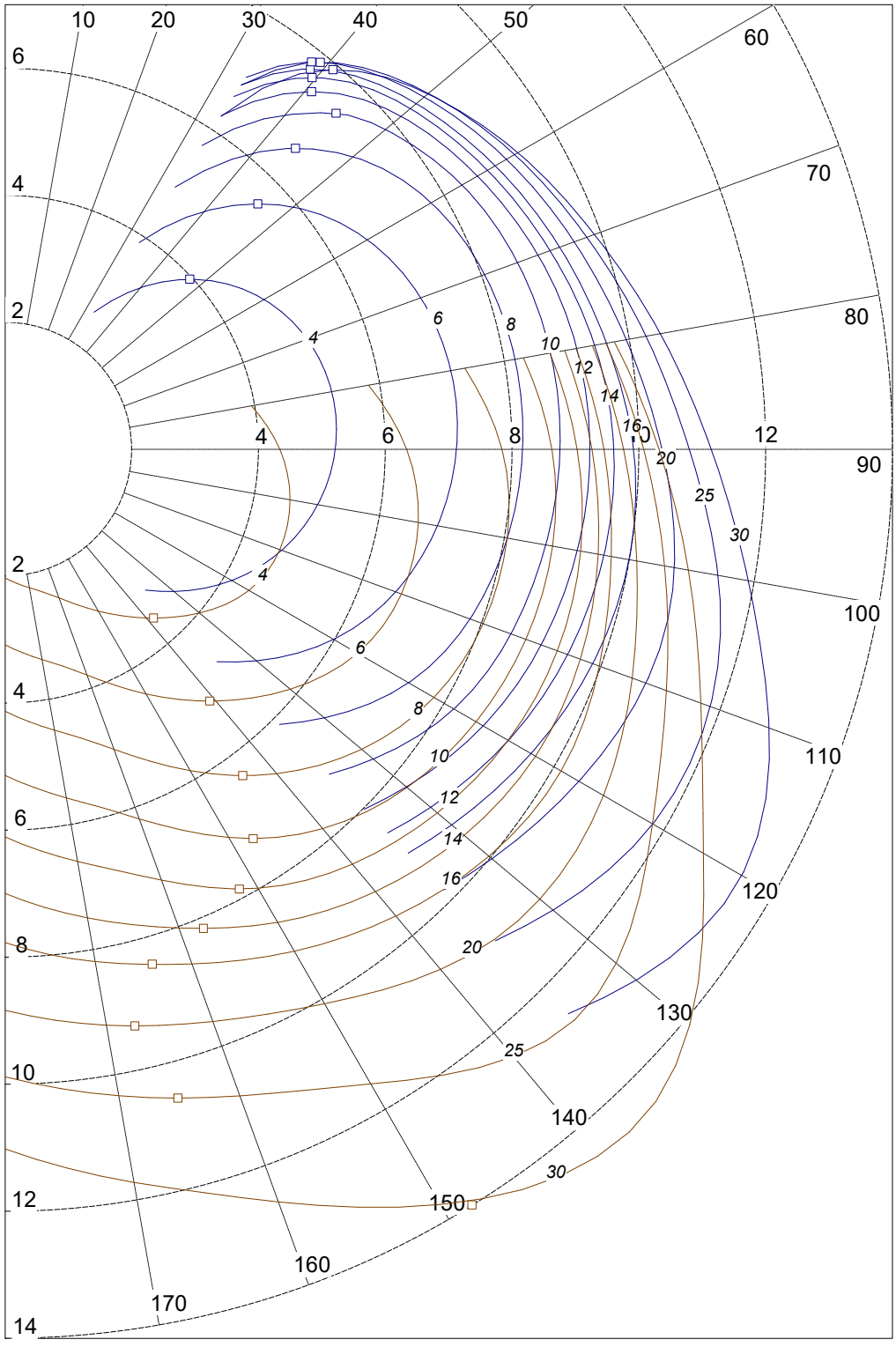
219 - Beneteau 50 - Racing Version



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Best Boatspeeds (kt)

	4	6	8	10	12	14	16	20	25	30
33.0	2.58	3.89	4.92	5.71	6.27	6.63	6.85	6.98	6.84	6.25
36.0	2.92	4.35	5.47	6.28	6.80	7.13	7.33	7.48	7.42	7.10
39.0	3.23	4.77	5.94	6.74	7.23	7.53	7.71	7.85	7.85	7.65
42.0	3.51	5.13	6.35	7.12	7.57	7.83	7.98	8.12	8.14	8.04
50.0	4.15	5.94	7.17	7.84	8.16	8.35	8.47	8.63	8.72	8.71
60.0	4.72	6.60	7.76	8.32	8.61	8.79	8.93	9.13	9.28	9.34
70.0	5.07	6.98	8.05	8.60	8.95	9.15	9.31	9.56	9.77	9.89
80.0	5.23	7.14	8.17	8.74	9.16	9.45	9.63	9.95	10.27	10.50
90.0	5.21	7.12	8.16	8.75	9.23	9.60	9.91	10.36	10.79	11.14
105.0	4.85	6.76	8.05	8.77	9.26	9.59	9.95	10.80	11.68	12.35
120.0	4.44	6.42	7.81	8.58	9.16	9.66	10.13	10.90	11.80	13.42
135.0	3.74	5.53	7.03	8.06	8.73	9.29	9.79	10.91	12.70	14.52
150.0	2.94	4.45	5.84	7.05	7.98	8.60	9.12	10.08	11.53	13.73
165.0	2.32	3.53	4.71	5.83	6.86	7.75	8.39	9.39	10.57	12.11
170.0	2.21	3.36	4.49	5.57	6.59	7.49	8.19	9.20	10.33	11.72
180.0	2.02	3.08	4.12	5.13	6.10	6.99	7.76	8.83	9.88	11.01
Up.Vs(kts)	3.96	5.55	6.59	7.43	7.42	7.60	7.68	7.78	7.87	7.90
Up.Vs(s/m)	909.7	648.2	546.0	484.2	485.1	473.9	468.6	462.5	457.7	455.5
Up.Vs(s/L)	7.7	5.5	4.6	4.1	4.1	4.0	4.0	3.9	3.9	3.8
Up.Bt	47.4	45.9	44.0	44.6	40.6	39.6	38.8	38.4	39.2	40.9
Up.Vmg(kts)	2.68	3.87	4.74	5.29	5.63	5.85	5.99	6.10	6.09	5.98
Up.Vmg(s/m)	1344.0	931.4	759.5	680.1	639.3	615.1	601.2	590.3	590.8	602.4
Up.Heel	2.9	6.4	10.9	0.0	17.7	19.6	21.0	22.0	22.4	22.8
Up.Reef	1.00	1.00	1.00	1.00	1.00	1.00	1.00	0.92	0.80	0.70
Up.Flat	1.00	1.00	1.00	1.00	0.79	0.68	0.59	0.56	0.59	0.63
Up.Twist	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Up.Va	7.28	10.63	13.50	16.16	18.13	20.21	22.22	26.13	30.91	35.54
Up.Ba	23.8	23.8	23.9	25.8	24.3	24.6	24.9	26.2	28.2	30.6
Up.Leewy	2.75	2.93	3.34	3.54	3.84	3.97	4.13	4.47	4.93	5.42
Dn.Vs(kts)	3.54	5.11	6.36	7.27	7.85	8.16	8.43	9.30	10.57	13.99
Dn.Vs(s/m)	1016.6	704.3	566.3	495.2	458.9	441.0	426.9	387.0	340.6	257.3
Dn.Vs(s/L)	8.6	6.0	4.8	4.2	3.9	3.7	3.6	3.3	2.9	2.2
Dn.Bt	138.6	140.8	143.9	147.4	151.9	157.5	164.0	167.3	165.0	148.2
Dn.Vmg(kts)	2.66	3.96	5.13	6.13	6.92	7.54	8.11	9.08	10.21	11.90
Dn.Vmg(s/m)	1355.7	908.7	701.2	587.6	520.2	477.5	444.1	396.7	352.5	302.6
Dn.Heel	0.5	1.0	1.4	1.6	1.5	1.2	1.0	1.3	2.6	11.1
Dn.Reef	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
Dn.Twist	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Dn.Va	2.70	3.82	4.72	5.50	6.28	7.18	8.23	11.11	15.03	19.30
Dn.Ba	78.4	83.1	91.3	102.1	115.9	131.6	147.6	156.7	154.6	126.6
Dn.Leewy	0.55	0.49	0.43	0.36	0.28	0.21	0.16	0.16	0.24	0.44

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Times for 1 nm (secs)

	4	6	8	10	12	14	16	20	25	30
33.0	1396.9	926.5	731.4	630.9	574.2	543.3	525.9	515.4	526.4	575.6
36.0	1234.2	826.8	658.6	573.2	529.3	504.6	490.9	481.1	485.2	507.3
39.0	1115.4	755.3	605.8	534.1	498.0	478.2	467.1	458.7	458.8	470.4
42.0	1025.4	701.3	566.6	505.4	475.6	459.7	451.3	443.6	442.0	447.9
50.0	868.2	606.4	502.2	459.4	441.3	431.3	425.1	417.1	412.9	413.4
60.0	762.9	545.4	463.6	432.5	418.3	409.6	403.2	394.1	387.8	385.4
70.0	709.5	515.8	447.1	418.5	402.4	393.4	386.7	376.7	368.6	363.8
80.0	687.9	504.1	440.7	412.0	393.1	381.1	373.7	361.8	350.6	343.0
90.0	691.1	505.6	441.0	411.2	390.2	374.9	363.1	347.4	333.6	323.2
105.0	742.8	532.2	446.9	410.3	388.6	375.3	361.7	333.5	308.3	291.5
120.0	810.7	560.8	460.9	419.7	392.9	372.7	355.5	330.3	305.2	268.3
135.0	963.3	651.0	512.4	446.4	412.5	387.7	367.6	329.9	283.4	248.0
150.0	1225.1	809.8	616.4	510.3	451.3	418.6	394.6	357.3	312.1	262.3
165.0	1548.5	1019.0	764.3	617.2	524.5	464.8	429.0	383.5	340.5	297.2
170.0	1627.8	1071.5	802.1	646.2	546.5	480.8	439.7	391.1	348.4	307.2
180.0	1777.8	1170.2	873.5	701.6	590.1	514.9	463.7	407.6	364.5	326.9
Up	1344.0	931.4	759.5	680.1	639.3	615.1	601.2	590.3	590.8	602.4
Dn	1355.7	908.7	701.2	587.6	520.2	477.5	444.1	396.7	352.5	302.6

Equivalent ILC Average (using IMS formula): 0.00

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Performance Numbers for Ops_Upwind

TWS	TWA	V	VMG	Heel	Reef	Flat	Twist	AWS	AWA	Lee	Rud	Fh
4.0	33.0	2.577	2.161	2.1	1.000	1.000	1.000	6.32	20.2	4.61	5.24	116
4.0	36.0	2.917	2.360	2.3	1.000	1.000	1.000	6.59	20.9	3.98	4.52	128
4.0	39.0	3.227	2.508	2.5	1.000	1.000	1.000	6.82	21.6	3.52	4.00	139
4.0	42.0	3.511	2.609	2.6	1.000	1.000	1.000	7.01	22.4	3.19	3.62	149
4.0	50.0	4.146	2.665	3.0	1.000	1.000	1.000	7.38	24.5	2.59	2.94	170
4.0	60.0	4.719	2.359	3.2	1.000	1.000	1.000	7.56	27.2	2.12	2.41	181
4.0	70.0	5.074	1.735	3.1	1.000	1.000	1.000	7.46	30.2	1.78	2.03	178
4.0	80.0	5.233	0.909	2.8	1.000	1.000	1.000	7.11	33.6	1.52	1.72	161
4.0	90.0	5.209	0.000	2.4	1.000	1.000	1.000	6.57	37.5	1.29	1.46	135
4.0	105.0	4.847	1.254	1.5	1.000	1.000	1.000	5.43	45.4	0.98	1.11	89
4.0	120.0	4.128	2.064	0.8	1.000	1.000	1.000	4.07	58.4	0.68	0.77	45
4.0	135.0	3.132	2.215	0.3	1.000	1.000	1.000	2.84	83.9	0.40	0.45	15
6.0	33.0	3.885	3.259	4.7	1.000	1.000	1.000	9.49	20.1	4.56	5.19	261
6.0	36.0	4.354	3.522	5.2	1.000	1.000	1.000	9.86	20.9	3.97	4.51	286
6.0	39.0	4.766	3.704	5.6	1.000	1.000	1.000	10.15	21.7	3.56	4.04	308
6.0	42.0	5.133	3.815	6.0	1.000	1.000	1.000	10.39	22.6	3.24	3.69	327
6.0	50.0	5.936	3.816	6.7	1.000	1.000	1.000	10.80	25.0	2.66	3.02	362
6.0	60.0	6.600	3.300	6.9	1.000	1.000	1.000	10.90	28.3	2.19	2.49	374
6.0	70.0	6.979	2.387	6.5	1.000	1.000	1.000	10.63	31.8	1.84	2.09	356
6.0	80.0	7.141	1.240	5.7	1.000	1.000	1.000	10.08	35.7	1.55	1.76	317
6.0	90.0	7.121	0.000	4.7	1.000	1.000	1.000	9.30	40.0	1.30	1.48	266
6.0	105.0	6.764	1.751	3.1	1.000	1.000	1.000	7.79	48.0	0.97	1.10	178
6.0	120.0	5.983	2.992	1.6	1.000	1.000	1.000	5.99	60.1	0.67	0.76	94
6.0	135.0	4.728	3.343	0.6	1.000	1.000	1.000	4.27	83.5	0.39	0.44	34
8.0	33.0	4.922	4.128	8.0	1.000	0.955	1.000	12.41	20.4	4.65	5.28	424
8.0	36.0	5.466	4.422	9.1	1.000	0.990	1.000	12.81	21.3	4.23	4.81	476
8.0	39.0	5.942	4.618	10.0	1.000	1.000	1.000	13.13	22.2	3.84	4.37	512
8.0	42.0	6.353	4.721	10.6	1.000	1.000	1.000	13.38	23.2	3.52	3.99	537
8.0	50.0	7.168	4.608	11.5	1.000	1.000	1.000	13.70	26.0	2.92	3.31	575
8.0	60.0	7.765	3.882	11.3	1.000	1.000	1.000	13.58	30.0	2.41	2.74	570
8.0	70.0	8.051	2.754	10.2	1.000	1.000	1.000	13.08	34.4	2.02	2.30	525
8.0	80.0	8.168	1.418	8.6	1.000	1.000	1.000	12.33	39.2	1.69	1.91	459
8.0	90.0	8.164	0.000	6.9	1.000	1.000	1.000	11.39	44.2	1.39	1.58	382
8.0	105.0	7.942	2.056	4.6	1.000	1.000	1.000	9.69	52.7	1.00	1.13	261
8.0	120.0	7.350	3.675	2.5	1.000	1.000	1.000	7.69	64.2	0.66	0.75	147
8.0	135.0	6.122	4.329	1.0	1.000	1.000	1.000	5.68	85.3	0.39	0.44	58
10.0	33.0	5.706	4.785	11.7	1.000	0.890	1.000	15.07	20.7	4.81	5.46	577
10.0	36.0	6.280	5.081	13.1	1.000	0.906	1.000	15.47	21.7	4.32	4.91	627
10.0	39.0	6.740	5.238	14.2	1.000	0.914	1.000	15.74	22.8	3.97	4.51	662
10.0	42.0	7.122	5.293	15.1	1.000	0.921	1.000	15.92	23.9	3.70	4.21	688
10.0	50.0	7.836	5.037	17.0	1.000	0.962	1.000	16.03	27.2	3.29	3.74	737
10.0	60.0	8.324	4.162	16.8	1.000	1.000	1.000	15.69	31.9	2.85	3.23	735
10.0	70.0	8.603	2.942	14.3	1.000	1.000	1.000	15.08	37.1	2.33	2.64	673
10.0	80.0	8.737	1.517	11.7	1.000	1.000	1.000	14.24	42.6	1.90	2.16	588
10.0	90.0	8.754	0.000	9.2	1.000	1.000	1.000	13.19	48.4	1.53	1.74	489
10.0	105.0	8.584	2.222	5.9	1.000	1.000	1.000	11.33	58.0	1.07	1.22	334
10.0	120.0	8.173	4.087	3.3	1.000	1.000	1.000	9.21	69.8	0.68	0.78	192
10.0	135.0	7.232	5.114	1.4	1.000	1.000	1.000	7.07	88.7	0.39	0.45	84

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Ops_Upwind (continued)

TWS	TWA	V	VMG	Heel	Reef	Flat	Twist	AWS	AWA	Lee	Rud	Fh
12.0	33.0	6.270	5.258	14.7	1.000	0.780	1.000	17.51	21.2	4.77	5.42	676
12.0	36.0	6.801	5.502	16.1	1.000	0.783	1.000	17.85	22.3	4.30	4.89	712
12.0	39.0	7.228	5.617	17.2	1.000	0.789	1.000	18.06	23.5	3.98	4.52	740
12.0	42.0	7.570	5.626	18.1	1.000	0.796	1.000	18.17	24.8	3.74	4.25	760
12.0	50.0	8.158	5.244	19.5	1.000	0.834	1.000	18.08	28.6	3.37	3.83	793
12.0	60.0	8.606	4.303	20.4	1.000	0.918	1.000	17.55	33.7	3.10	3.53	814
12.0	70.0	8.947	3.060	19.7	1.000	1.000	1.000	16.82	39.1	2.75	3.13	803
12.0	80.0	9.158	1.590	15.6	1.000	1.000	1.000	16.00	45.4	2.16	2.45	714
12.0	90.0	9.225	0.000	11.8	1.000	1.000	1.000	14.94	51.9	1.70	1.93	600
12.0	105.0	9.094	2.354	7.4	1.000	1.000	1.000	12.96	62.5	1.15	1.31	410
12.0	120.0	8.708	4.354	4.0	1.000	1.000	1.000	10.71	75.4	0.73	0.82	236
12.0	135.0	8.012	5.665	1.9	1.000	1.000	1.000	8.49	93.2	0.41	0.47	111
14.0	33.0	6.626	5.557	17.2	1.000	0.679	1.000	19.76	21.6	4.82	5.47	740
14.0	36.0	7.134	5.771	18.5	1.000	0.679	1.000	20.04	22.9	4.35	4.94	769
14.0	39.0	7.529	5.851	19.4	1.000	0.682	1.000	20.20	24.3	4.02	4.57	789
14.0	42.0	7.831	5.820	20.2	1.000	0.691	1.000	20.24	25.7	3.81	4.33	806
14.0	50.0	8.347	5.365	21.3	1.000	0.728	1.000	20.02	29.9	3.47	3.94	830
14.0	60.0	8.789	4.394	21.7	0.979	0.844	1.000	19.39	35.5	3.18	3.62	855
14.0	70.0	9.150	3.129	21.6	0.961	0.990	1.000	18.54	41.3	2.93	3.33	868
14.0	80.0	9.445	1.640	20.4	1.000	1.000	1.000	17.55	47.4	2.51	2.85	824
14.0	90.0	9.603	0.000	15.2	1.000	1.000	1.000	16.58	54.6	1.90	2.16	709
14.0	105.0	9.534	2.467	9.0	1.000	1.000	1.000	14.61	66.1	1.25	1.42	491
14.0	120.0	9.166	4.583	4.9	1.000	1.000	1.000	12.27	79.8	0.78	0.89	286
14.0	135.0	8.538	6.037	2.4	1.000	1.000	1.000	9.98	97.8	0.45	0.51	141
16.0	33.0	6.846	5.741	19.2	1.000	0.592	1.000	21.87	22.1	4.91	5.58	783
16.0	36.0	7.334	5.933	20.2	1.000	0.591	1.000	22.11	23.5	4.43	5.03	806
16.0	39.0	7.708	5.990	21.1	1.000	0.594	1.000	22.23	25.0	4.11	4.66	823
16.0	42.0	7.977	5.928	21.7	1.000	0.602	1.000	22.22	26.6	3.90	4.44	836
16.0	50.0	8.469	5.444	21.9	0.950	0.716	1.000	21.93	31.2	3.58	4.06	876
16.0	60.0	8.929	4.465	21.8	0.904	0.883	1.000	21.26	37.2	3.27	3.72	911
16.0	70.0	9.310	3.184	21.8	0.903	1.000	1.000	20.33	43.4	2.97	3.38	917
16.0	80.0	9.635	1.673	22.1	0.962	1.000	1.000	19.16	49.6	2.65	3.01	884
16.0	90.0	9.914	0.000	19.2	1.000	1.000	1.000	18.07	56.7	2.14	2.43	810
16.0	105.0	9.953	2.576	11.0	1.000	1.000	1.000	16.25	69.0	1.35	1.53	579
16.0	120.0	9.577	4.789	5.9	1.000	1.000	1.000	13.87	83.5	0.84	0.96	342
16.0	135.0	8.991	6.357	2.9	1.000	1.000	1.000	11.54	101.6	0.50	0.57	176
20.0	33.0	6.985	5.858	21.3	0.971	0.489	1.000	25.84	23.1	5.28	5.99	845
20.0	36.0	7.483	6.053	21.7	0.939	0.528	1.000	26.06	24.8	4.74	5.38	877
20.0	39.0	7.849	6.100	22.0	0.910	0.572	1.000	26.14	26.5	4.41	5.02	905
20.0	42.0	8.115	6.031	22.0	0.883	0.620	1.000	26.11	28.4	4.19	4.76	927
20.0	50.0	8.630	5.547	22.1	0.833	0.754	1.000	25.75	33.4	3.82	4.34	974
20.0	60.0	9.134	4.567	22.0	0.795	0.928	1.000	24.98	40.0	3.45	3.92	1011
20.0	70.0	9.555	3.268	22.2	0.812	1.000	1.000	23.91	46.7	3.09	3.51	1006
20.0	80.0	9.950	1.728	22.6	0.869	1.000	1.000	22.60	53.6	2.73	3.10	974
20.0	90.0	10.363	0.000	23.0	0.942	1.000	1.000	21.13	60.6	2.36	2.68	929
20.0	105.0	10.795	2.794	16.5	1.000	1.000	1.000	19.35	73.1	1.54	1.75	763
20.0	120.0	10.451	5.225	8.5	1.000	1.000	1.000	17.14	88.5	0.96	1.09	480
20.0	135.0	9.800	6.929	4.4	1.000	1.000	1.000	14.75	107.1	0.60	0.69	262

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Ops_Upwind (continued)

TWS	TWA	V	VMG	Heel	Reef	Flat	Twist	AWS	AWA	Lee	Rud	Fh
25.0	33.0	6.838	5.735	21.5	0.860	0.489	1.000	30.55	24.5	6.15	6.99	935
25.0	36.0	7.419	6.002	22.2	0.833	0.529	1.000	30.81	26.2	5.40	6.14	971
25.0	39.0	7.846	6.097	22.4	0.803	0.581	1.000	30.91	28.1	4.95	5.62	1004
25.0	42.0	8.145	6.053	22.4	0.777	0.637	1.000	30.87	30.1	4.66	5.29	1030
25.0	50.0	8.719	5.605	22.4	0.726	0.791	1.000	30.46	35.5	4.18	4.75	1085
25.0	60.0	9.283	4.642	22.4	0.698	0.955	1.000	29.58	42.6	3.71	4.22	1122
25.0	70.0	9.767	3.340	22.8	0.724	1.000	1.000	28.36	49.8	3.28	3.72	1113
25.0	80.0	10.267	1.783	23.3	0.776	1.000	1.000	26.92	57.1	2.83	3.22	1080
25.0	90.0	10.793	0.000	23.8	0.845	1.000	1.000	25.29	64.7	2.41	2.74	1035
25.0	105.0	11.677	3.022	24.9	0.991	1.000	1.000	22.52	76.6	1.82	2.07	945
25.0	120.0	11.796	5.898	13.3	1.000	1.000	1.000	21.08	91.9	1.04	1.18	686
25.0	135.0	10.937	7.733	6.8	1.000	1.000	1.000	18.80	111.0	0.70	0.80	400
30.0	33.0	6.254	5.245	20.7	0.726	0.567	1.000	34.94	26.0	8.07	9.17	1029
30.0	36.0	7.096	5.741	22.2	0.749	0.533	1.000	35.36	27.5	6.47	7.35	1052
30.0	39.0	7.653	5.948	22.7	0.721	0.590	1.000	35.53	29.4	5.73	6.50	1091
30.0	42.0	8.038	5.974	22.8	0.695	0.650	1.000	35.53	31.4	5.27	5.98	1122
30.0	50.0	8.709	5.598	22.8	0.648	0.811	1.000	35.11	37.1	4.61	5.23	1183
30.0	60.0	9.342	4.671	22.9	0.626	0.966	1.000	34.14	44.5	4.02	4.57	1221
30.0	70.0	9.895	3.384	23.5	0.653	1.000	1.000	32.79	52.1	3.51	3.99	1213
30.0	80.0	10.495	1.822	24.0	0.701	1.000	1.000	31.23	59.8	2.97	3.38	1182
30.0	90.0	11.140	0.000	24.8	0.767	1.000	1.000	29.43	67.8	2.50	2.84	1139
30.0	105.0	12.351	3.197	25.8	0.898	1.000	1.000	26.48	80.0	1.77	2.01	1048
30.0	120.0	13.419	6.709	20.6	1.000	1.000	1.000	24.37	93.7	1.04	1.18	887
30.0	135.0	12.563	8.883	10.2	1.000	1.000	1.000	22.60	112.5	0.69	0.79	565

Optimum Upwind Numbers for Ops_Upwind

TWS	TWA	V	VMG	Heel	Reef	Flat	Twist	AWS	AWA	Lee	Rud	Fh
4.0	47.4	3.957	2.679	2.9	1.000	1.000	1.000	7.28	23.8	2.75	3.12	164
6.0	45.9	5.554	3.865	6.4	1.000	1.000	1.000	10.63	23.8	2.93	3.32	347
8.0	44.0	6.593	4.740	10.9	1.000	1.000	1.000	13.50	23.9	3.34	3.79	551
10.0	44.6	7.434	5.293	0.0	1.000	1.000	1.000	16.16	25.8	3.54	4.02	804
12.0	40.6	7.421	5.631	17.7	1.000	0.792	1.000	18.13	24.3	3.84	4.36	752
14.0	39.6	7.597	5.852	19.6	1.000	0.683	1.000	20.21	24.6	3.97	4.51	793
16.0	38.8	7.683	5.988	21.0	1.000	0.594	1.000	22.22	24.9	4.13	4.69	822
20.0	38.4	7.784	6.099	22.0	0.916	0.562	1.000	26.13	26.2	4.47	5.08	900
25.0	39.2	7.865	6.094	22.4	0.801	0.585	1.000	30.91	28.2	4.93	5.60	1006
30.0	40.9	7.904	5.976	22.8	0.704	0.628	1.000	35.54	30.6	5.42	6.16	1111

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Performance Numbers for Ops_Down

TWS	TWA	V	VMG	Heel	Reef	Flat	Twist	AWS	AWA	Lee	Rud	Fh
4.0	80.0	3.948	0.686	1.9	1.000	1.000	1.000	6.09	40.3	1.56	1.78	93
4.0	90.0	4.335	0.000	2.0	1.000	1.000	1.000	5.90	42.7	1.35	1.54	97
4.0	105.0	4.611	1.193	1.9	1.000	1.000	1.000	5.26	47.2	1.13	1.28	92
4.0	120.0	4.440	2.220	1.4	1.000	1.000	1.000	4.24	54.8	0.91	1.03	69
4.0	135.0	3.737	2.643	0.7	1.000	1.000	1.000	2.97	72.2	0.62	0.71	33
4.0	150.0	2.938	2.545	0.2	1.000	1.000	1.000	2.07	104.7	0.32	0.36	10
4.0	165.0	2.325	2.246	0.0	1.000	1.000	1.000	1.85	146.1	0.13	0.15	3
4.0	170.0	2.212	2.178	0.0	1.000	1.000	1.000	1.86	158.1	0.09	0.10	2
4.0	180.0	2.025	2.025	0.0	1.000	1.000	1.000	1.98	180.0	-0.00	-0.00	-0
6.0	80.0	5.821	1.011	4.4	1.000	1.000	1.000	9.05	40.6	1.58	1.79	209
6.0	90.0	6.335	0.000	4.6	1.000	1.000	1.000	8.71	43.4	1.38	1.57	219
6.0	105.0	6.665	1.725	4.3	1.000	1.000	1.000	7.72	48.5	1.16	1.32	205
6.0	120.0	6.419	3.209	3.1	1.000	1.000	1.000	6.21	56.6	0.91	1.03	149
6.0	135.0	5.530	3.911	1.5	1.000	1.000	1.000	4.43	73.1	0.62	0.70	74
6.0	150.0	4.445	3.850	0.5	1.000	1.000	1.000	3.09	104.1	0.31	0.35	24
6.0	165.0	3.533	3.412	0.1	1.000	1.000	1.000	2.74	145.5	0.12	0.14	6
6.0	170.0	3.360	3.309	0.1	1.000	1.000	1.000	2.75	157.8	0.08	0.09	4
6.0	180.0	3.077	3.077	0.0	1.000	1.000	1.000	2.92	180.0	-0.00	-0.00	-0
8.0	80.0	7.363	1.279	8.1	1.000	1.000	1.000	11.72	41.7	1.70	1.93	368
8.0	90.0	7.839	0.000	8.5	1.000	1.000	1.000	11.14	45.3	1.55	1.76	385
8.0	105.0	8.055	2.085	7.6	1.000	1.000	1.000	9.72	52.0	1.30	1.48	346
8.0	120.0	7.811	3.905	5.1	1.000	1.000	1.000	7.88	61.1	0.96	1.09	241
8.0	135.0	7.026	4.968	2.6	1.000	1.000	1.000	5.81	76.4	0.62	0.70	123
8.0	150.0	5.840	5.058	0.8	1.000	1.000	1.000	4.14	105.2	0.31	0.35	41
8.0	165.0	4.710	4.550	0.2	1.000	1.000	1.000	3.66	145.5	0.12	0.14	10
8.0	170.0	4.488	4.420	0.1	1.000	1.000	1.000	3.66	157.7	0.08	0.09	6
8.0	180.0	4.121	4.121	0.0	1.000	1.000	1.000	3.88	180.0	-0.00	-0.00	-0
10.0	80.0	8.303	1.442	13.7	1.000	1.000	1.000	13.87	43.6	2.06	2.34	553
10.0	90.0	8.626	0.000	14.3	1.000	1.000	1.000	12.97	48.3	1.94	2.20	565
10.0	105.0	8.774	2.271	11.4	1.000	1.000	1.000	11.31	56.8	1.53	1.74	482
10.0	120.0	8.577	4.288	7.1	1.000	1.000	1.000	9.31	67.4	1.06	1.20	327
10.0	135.0	8.065	5.703	3.7	1.000	1.000	1.000	7.13	82.0	0.64	0.73	174
10.0	150.0	7.054	6.109	1.3	1.000	1.000	1.000	5.25	107.8	0.31	0.35	62
10.0	165.0	5.833	5.634	0.0	1.000	1.000	1.000	4.62	145.9	0.12	0.14	16
10.0	170.0	5.571	5.486	0.0	1.000	1.000	1.000	4.62	157.9	0.08	0.09	10
10.0	180.0	5.131	5.131	0.0	1.000	1.000	1.000	4.87	180.0	-0.00	-0.00	-0
12.0	80.0	8.728	1.516	20.7	0.985	1.000	1.000	15.46	45.6	2.60	2.96	701
12.0	90.0	9.023	0.000	21.2	0.994	1.000	1.000	14.37	51.1	2.43	2.76	702
12.0	105.0	9.264	2.398	16.0	1.000	1.000	1.000	12.73	61.1	1.79	2.03	604
12.0	120.0	9.163	4.581	9.5	1.000	1.000	1.000	10.73	72.9	1.18	1.34	419
12.0	135.0	8.727	6.171	4.8	1.000	1.000	1.000	8.46	88.4	0.69	0.79	226
12.0	150.0	7.978	6.909	1.7	1.000	1.000	1.000	6.47	111.9	0.32	0.36	85
12.0	165.0	6.864	6.630	0.0	1.000	1.000	1.000	5.66	146.7	0.13	0.14	24
12.0	170.0	6.587	6.487	0.0	1.000	1.000	1.000	5.63	158.3	0.08	0.09	14
12.0	180.0	6.101	6.101	0.0	1.000	1.000	1.000	5.90	180.0	-0.00	-0.00	-0

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Ops_Down (continued)

TWS	TWA	V	VMG	Heel	Reef	Flat	Twist	AWS	AWA	Lee	Rud	Fh
14.0	80.0	8.964	1.557	21.1	0.888	1.000	1.000	17.19	48.5	2.70	3.06	769
14.0	90.0	9.256	0.000	21.4	0.910	1.000	1.000	15.99	54.6	2.48	2.82	759
14.0	105.0	9.591	2.482	21.5	1.000	1.000	1.000	13.92	64.6	2.11	2.40	705
14.0	120.0	9.660	4.830	12.3	1.000	1.000	1.000	12.14	77.3	1.31	1.49	515
14.0	135.0	9.285	6.566	6.0	1.000	1.000	1.000	9.86	93.6	0.76	0.86	284
14.0	150.0	8.599	7.447	2.2	1.000	1.000	1.000	7.83	116.7	0.34	0.39	108
14.0	165.0	7.745	7.481	0.0	1.000	1.000	1.000	6.82	147.9	0.13	0.15	34
14.0	170.0	7.488	7.374	0.0	1.000	1.000	1.000	6.75	158.9	0.09	0.10	20
14.0	180.0	6.991	6.991	0.0	1.000	1.000	1.000	7.01	180.0	-0.00	-0.00	-0
16.0	80.0	9.146	1.588	21.4	0.817	1.000	1.000	18.91	50.9	2.78	3.16	828
16.0	90.0	9.447	0.000	21.7	0.845	1.000	1.000	17.61	57.6	2.54	2.88	812
16.0	105.0	9.841	2.547	22.2	0.940	1.000	1.000	15.40	68.3	2.15	2.44	755
16.0	120.0	10.127	5.063	16.1	1.000	1.000	1.000	13.48	80.9	1.45	1.65	611
16.0	135.0	9.792	6.924	7.5	1.000	1.000	1.000	11.32	97.7	0.82	0.93	348
16.0	150.0	9.123	7.900	2.7	1.000	1.000	1.000	9.29	120.6	0.37	0.42	136
16.0	165.0	8.391	8.105	0.0	1.000	1.000	1.000	8.19	149.6	0.15	0.17	46
16.0	170.0	8.188	8.064	0.0	1.000	1.000	1.000	8.06	159.8	0.10	0.11	27
16.0	180.0	7.764	7.764	0.0	1.000	1.000	1.000	8.24	180.0	-0.00	-0.00	-0
20.0	80.0	9.408	1.634	21.8	0.712	1.000	1.000	22.37	54.8	2.95	3.35	933
20.0	90.0	9.757	0.000	22.2	0.747	1.000	1.000	20.93	62.2	2.65	3.02	910
20.0	105.0	10.315	2.670	23.0	0.836	1.000	1.000	18.51	73.9	2.19	2.49	850
20.0	120.0	10.898	5.449	23.9	0.984	1.000	1.000	15.86	86.8	1.73	1.96	759
20.0	135.0	10.912	7.716	11.3	1.000	1.000	1.000	14.24	103.1	0.91	1.03	495
20.0	150.0	10.077	8.727	4.2	1.000	1.000	1.000	12.33	126.0	0.44	0.50	205
20.0	165.0	9.387	9.067	0.0	1.000	1.000	1.000	11.20	152.5	0.20	0.22	77
20.0	170.0	9.204	9.064	0.0	1.000	1.000	1.000	11.05	161.7	0.12	0.14	47
20.0	180.0	8.831	8.831	0.0	1.000	1.000	1.000	11.17	180.0	-0.00	-0.00	-0
25.0	80.0	9.624	1.671	22.5	0.621	1.000	1.000	26.70	58.5	3.19	3.62	1051
25.0	90.0	10.074	0.000	23.0	0.655	1.000	1.000	25.12	66.4	2.81	3.20	1028
25.0	105.0	10.824	2.802	23.9	0.735	1.000	1.000	22.50	78.8	2.24	2.54	966
25.0	120.0	11.790	5.895	25.4	0.872	1.000	1.000	19.58	92.1	1.65	1.88	870
25.0	135.0	12.703	8.983	18.9	1.000	1.000	1.000	17.44	106.6	0.92	1.04	685
25.0	150.0	11.533	9.988	6.7	1.000	1.000	1.000	16.02	129.2	0.49	0.55	319
25.0	165.0	10.573	10.213	2.6	1.000	1.000	1.000	15.04	154.5	0.24	0.27	128
25.0	170.0	10.332	10.175	0.0	1.000	1.000	1.000	14.93	163.1	0.16	0.18	78
25.0	180.0	9.876	9.876	0.0	1.000	1.000	1.000	15.12	180.0	-0.00	-0.00	-0
30.0	80.0	9.758	1.694	23.1	0.552	1.000	1.000	31.02	61.1	3.45	3.92	1162
30.0	90.0	10.316	0.000	23.8	0.583	1.000	1.000	29.32	69.4	2.99	3.40	1141
30.0	105.0	11.293	2.923	25.1	0.659	1.000	1.000	26.48	82.3	2.30	2.61	1081
30.0	120.0	12.720	6.360	26.7	0.784	1.000	1.000	23.33	95.6	1.54	1.75	975
30.0	135.0	14.516	10.264	28.3	1.000	1.000	1.000	19.84	109.7	0.90	1.02	813
30.0	150.0	13.727	11.888	10.0	1.000	1.000	1.000	19.19	129.7	0.43	0.48	453
30.0	165.0	12.113	11.700	3.9	1.000	1.000	1.000	18.56	155.3	0.25	0.28	189
30.0	170.0	11.717	11.539	0.0	1.000	1.000	1.000	18.57	163.7	0.17	0.19	116
30.0	180.0	11.012	11.012	0.0	1.000	1.000	1.000	18.99	180.0	-0.00	-0.00	-0

Optimum Downwind Numbers for Ops_Down

TWS	TWA	V	VMG	Heel	Reef	Flat	Twist	AWS	AWA	Lee	Rud	Fh
4.0	138.6	3.541	2.655	0.5	1.000	1.000	1.000	2.70	78.4	0.55	0.62	26
6.0	140.8	5.111	3.962	1.0	1.000	1.000	1.000	3.82	83.1	0.49	0.56	50
8.0	143.9	6.357	5.134	1.4	1.000	1.000	1.000	4.72	91.3	0.43	0.49	69
10.0	147.4	7.270	6.127	1.6	1.000	1.000	1.000	5.50	102.1	0.36	0.41	77
12.0	151.9	7.846	6.920	1.5	1.000	1.000	1.000	6.28	115.9	0.28	0.32	72
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	1.000	1.000	1.000	7.18	131.6	0.21	0.[illegible]	[illegible]
16.0	164.0	8.433	8.106	1.0	1.000	1.000	1.000	8.23	147.6	0.16	0.19	50

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Best Performance

	TWS	TWA	V	VMG	Heel	Reef	Flat	Twist	AWS	AWA	Lee	Sail
	4.0	33.0	2.577	2.161	2.1	1.000	1.000	1.000	6.32	20.2	4.61	Up
	4.0	36.0	2.917	2.360	2.3	1.000	1.000	1.000	6.59	20.9	3.98	Up
	4.0	39.0	3.227	2.508	2.5	1.000	1.000	1.000	6.82	21.6	3.52	Up
	4.0	42.0	3.511	2.609	2.6	1.000	1.000	1.000	7.01	22.4	3.19	Up
OptUp >	***4.0***	***47.4***	***3.957***	***2.679***	***2.9***	***1.000***	***1.000***	***1.000***	***7.28***	***23.8***	***2.75***	***Up***
	4.0	50.0	4.146	2.665	3.0	1.000	1.000	1.000	7.38	24.5	2.59	Up
	4.0	60.0	4.719	2.359	3.2	1.000	1.000	1.000	7.56	27.2	2.12	Up
	4.0	70.0	5.074	1.735	3.1	1.000	1.000	1.000	7.46	30.2	1.78	Up
	4.0	80.0	5.233	0.909	2.8	1.000	1.000	1.000	7.11	33.6	1.52	Up
	4.0	90.0	5.209	-0.000	2.4	1.000	1.000	1.000	6.57	37.5	1.29	Up
	4.0	105.0	4.847	-1.254	1.5	1.000	1.000	1.000	5.43	45.4	0.98	Up
	4.0	120.0	4.440	-2.220	1.4	1.000	1.000	1.000	4.24	54.8	0.91	Dn
	4.0	135.0	3.737	-2.643	0.7	1.000	1.000	1.000	2.97	72.2	0.62	Dn
OptDn >	***4.0***	***138.6***	***3.541***	***2.655***	***0.5***	***1.000***	***1.000***	***1.000***	***2.70***	***78.4***	***0.55***	***Dn***
	4.0	150.0	2.938	-2.545	0.2	1.000	1.000	1.000	2.07	104.7	0.32	Dn
	4.0	165.0	2.325	-2.246	0.0	1.000	1.000	1.000	1.85	146.1	0.13	Dn
	4.0	170.0	2.212	-2.178	0.0	1.000	1.000	1.000	1.86	158.1	0.09	Dn
	4.0	180.0	2.025	-2.025	0.0	1.000	1.000	1.000	1.98	180.0	-0.00	Dn
	6.0	33.0	3.885	3.259	4.7	1.000	1.000	1.000	9.49	20.1	4.56	Up
	6.0	36.0	4.354	3.522	5.2	1.000	1.000	1.000	9.86	20.9	3.97	Up
	6.0	39.0	4.766	3.704	5.6	1.000	1.000	1.000	10.15	21.7	3.56	Up
	6.0	42.0	5.133	3.815	6.0	1.000	1.000	1.000	10.39	22.6	3.24	Up
OptUp >	***6.0***	***45.9***	***5.554***	***3.865***	***6.4***	***1.000***	***1.000***	***1.000***	***10.63***	***23.8***	***2.93***	***Up***
	6.0	50.0	5.936	3.816	6.7	1.000	1.000	1.000	10.80	25.0	2.66	Up
	6.0	60.0	6.600	3.300	6.9	1.000	1.000	1.000	10.90	28.3	2.19	Up
	6.0	70.0	6.979	2.387	6.5	1.000	1.000	1.000	10.63	31.8	1.84	Up
	6.0	80.0	7.141	1.240	5.7	1.000	1.000	1.000	10.08	35.7	1.55	Up
	6.0	90.0	7.121	-0.000	4.7	1.000	1.000	1.000	9.30	40.0	1.30	Up
	6.0	105.0	6.764	-1.751	3.1	1.000	1.000	1.000	7.79	48.0	0.97	Up
	6.0	120.0	6.419	-3.209	3.1	1.000	1.000	1.000	6.21	56.6	0.91	Dn
	6.0	135.0	5.530	-3.911	1.5	1.000	1.000	1.000	4.43	73.1	0.62	Dn
OptDn >	***6.0***	***140.8***	***5.111***	***3.962***	***1.0***	***1.000***	***1.000***	***1.000***	***3.82***	***83.1***	***0.49***	***Dn***
	6.0	150.0	4.445	-3.850	0.5	1.000	1.000	1.000	3.09	104.1	0.31	Dn
	6.0	165.0	3.533	-3.412	0.1	1.000	1.000	1.000	2.74	145.5	0.12	Dn
	6.0	170.0	3.360	-3.309	0.1	1.000	1.000	1.000	2.75	157.8	0.08	Dn
	6.0	180.0	3.077	-3.077	0.0	1.000	1.000	1.000	2.92	180.0	-0.00	Dn
	8.0	33.0	4.922	4.128	8.0	1.000	0.955	1.000	12.41	20.4	4.65	Up
	8.0	36.0	5.466	4.422	9.1	1.000	0.990	1.000	12.81	21.3	4.23	Up
	8.0	39.0	5.942	4.618	10.0	1.000	1.000	1.000	13.13	22.2	3.84	Up
	8.0	42.0	6.353	4.721	10.6	1.000	1.000	1.000	13.38	23.2	3.52	Up
OptUp >	***8.0***	***44.0***	***6.593***	***4.740***	***10.9***	***1.000***	***1.000***	***1.000***	***13.50***	***23.9***	***3.34***	***Up***
	8.0	50.0	7.168	4.608	11.5	1.000	1.000	1.000	13.70	26.0	2.92	Up
	8.0	60.0	7.765	3.882	11.3	1.000	1.000	1.000	13.58	30.0	2.41	Up
	8.0	70.0	8.051	2.754	10.2	1.000	1.000	1.000	13.08	34.4	2.02	Up
	8.0	80.0	8.168	1.418	8.6	1.000	1.000	1.000	12.33	39.2	1.69	Up
	8.0	90.0	8.164	-0.000	6.9	1.000	1.000	1.000	11.39	44.2	1.39	Up
	8.0	105.0	8.055	-2.085	7.6	1.000	1.000	1.000	9.72	52.0	1.30	Dn
	8.0	120.0	7.811	-3.905	5.1	1.000	1.000	1.000	7.88	61.1	0.96	Dn
	8.0	135.0	7.026	-4.968	2.6	1.000	1.000	1.000	5.81	76.4	0.62	Dn
OptDn >	***8.0***	***143.9***	***6.357***	***5.134***	***1.4***	***1.000***	***1.000***	***1.000***	***4.72***	***91.3***	***0.43***	***Dn***
	8.0	150.0	5.840	-5.058	0.8	1.000	1.000	1.000	4.14	105.2	0.31	Dn
	8.0	165.0	4.710	-4.550	0.2	1.000	1.000	1.000	3.66	145.5	0.12	Dn
	8.0	170.0	4.488	-4.420	0.1	1.000	1.000	1.000	3.66	157.7	0.08	Dn
	8.0	180.0	4.121	-4.121	0.0	1.000	1.000	1.000	3.88	180.0	-0.00	Dn

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Best Performance (cont)

	TWS	TWA	V	VMG	Heel	Reef	Flat	Twist	AWS	AWA	Lee	Sail
	10.0	33.0	5.706	4.785	11.7	1.000	0.890	1.000	15.07	20.7	4.81	Up
	10.0	36.0	6.280	5.081	13.1	1.000	0.906	1.000	15.47	21.7	4.32	Up
	10.0	39.0	6.740	5.238	14.2	1.000	0.914	1.000	15.74	22.8	3.97	Up
	10.0	42.0	7.122	5.293	15.1	1.000	0.921	1.000	15.92	23.9	3.70	Up
OptUp >	***10.0***	***44.6***	***7.434***	***5.293***	***0.0***	***1.000***	***1.000***	***1.000***	***16.16***	***25.8***	***3.54***	***Up***
	10.0	50.0	7.836	5.037	17.0	1.000	0.962	1.000	16.03	27.2	3.29	Up
	10.0	60.0	8.324	4.162	16.8	1.000	1.000	1.000	15.69	31.9	2.85	Up
	10.0	70.0	8.603	2.942	14.3	1.000	1.000	1.000	15.08	37.1	2.33	Up
	10.0	80.0	8.737	1.517	11.7	1.000	1.000	1.000	14.24	42.6	1.90	Up
	10.0	90.0	8.754	-0.000	9.2	1.000	1.000	1.000	13.19	48.4	1.53	Up
	10.0	105.0	8.774	-2.271	11.4	1.000	1.000	1.000	11.31	56.8	1.53	Dn
	10.0	120.0	8.577	-4.288	7.1	1.000	1.000	1.000	9.31	67.4	1.06	Dn
	10.0	135.0	8.065	-5.703	3.7	1.000	1.000	1.000	7.13	82.0	0.64	Dn
OptDn >	***10.0***	***147.4***	***7.270***	***6.127***	***1.6***	***1.000***	***1.000***	***1.000***	***5.50***	***102.1***	***0.36***	***Dn***
	10.0	150.0	7.054	-6.109	1.3	1.000	1.000	1.000	5.25	107.8	0.31	Dn
	10.0	165.0	5.833	-5.634	0.0	1.000	1.000	1.000	4.62	145.9	0.12	Dn
	10.0	170.0	5.571	-5.486	0.0	1.000	1.000	1.000	4.62	157.9	0.08	Dn
	10.0	180.0	5.131	-5.131	0.0	1.000	1.000	1.000	4.87	180.0	-0.00	Dn
	12.0	33.0	6.270	5.258	14.7	1.000	0.780	1.000	17.51	21.2	4.77	Up
	12.0	36.0	6.801	5.502	16.1	1.000	0.783	1.000	17.85	22.3	4.30	Up
	12.0	39.0	7.228	5.617	17.2	1.000	0.789	1.000	18.06	23.5	3.98	Up
OptUp >	***12.0***	***40.6***	***7.421***	***5.631***	***17.7***	***1.000***	***0.792***	***1.000***	***18.13***	***24.3***	***3.84***	***Up***
	12.0	42.0	7.570	5.626	18.1	1.000	0.796	1.000	18.17	24.8	3.74	Up
	12.0	50.0	8.158	5.244	19.5	1.000	0.834	1.000	18.08	28.6	3.37	Up
	12.0	60.0	8.606	4.303	20.4	1.000	0.918	1.000	17.55	33.7	3.10	Up
	12.0	70.0	8.947	3.060	19.7	1.000	1.000	1.000	16.82	39.1	2.75	Up
	12.0	80.0	9.158	1.590	15.6	1.000	1.000	1.000	16.00	45.4	2.16	Up
	12.0	90.0	9.225	-0.000	11.8	1.000	1.000	1.000	14.94	51.9	1.70	Up
	12.0	105.0	9.264	-2.398	16.0	1.000	1.000	1.000	12.73	61.1	1.79	Dn
	12.0	120.0	9.163	-4.581	9.5	1.000	1.000	1.000	10.73	72.9	1.18	Dn
	12.0	135.0	8.727	-6.171	4.8	1.000	1.000	1.000	8.46	88.4	0.69	Dn
	12.0	150.0	7.978	-6.909	1.7	1.000	1.000	1.000	6.47	111.9	0.32	Dn
OptDn >	***12.0***	***151.9***	***7.846***	***6.920***	***1.5***	***1.000***	***1.000***	***1.000***	***6.28***	***115.9***	***0.28***	***Dn***
	12.0	165.0	6.864	-6.630	0.0	1.000	1.000	1.000	5.66	146.7	0.13	Dn
	12.0	170.0	6.587	-6.487	0.0	1.000	1.000	1.000	5.63	158.3	0.08	Dn
	12.0	180.0	6.101	-6.101	0.0	1.000	1.000	1.000	5.90	180.0	-0.00	Dn
	14.0	33.0	6.626	5.557	17.2	1.000	0.679	1.000	19.76	21.6	4.82	Up
	14.0	36.0	7.134	5.771	18.5	1.000	0.679	1.000	20.04	22.9	4.35	Up
	14.0	39.0	7.529	5.851	19.4	1.000	0.682	1.000	20.20	24.3	4.02	Up
OptUp >	***14.0***	***39.6***	***7.597***	***5.852***	***19.6***	***1.000***	***0.683***	***1.000***	***20.21***	***24.6***	***3.97***	***Up***
	14.0	42.0	7.831	5.820	20.2	1.000	0.691	1.000	20.24	25.7	3.81	Up
	14.0	50.0	8.347	5.365	21.3	1.000	0.728	1.000	20.02	29.9	3.47	Up
	14.0	60.0	8.789	4.394	21.7	0.979	0.844	1.000	19.39	35.5	3.18	Up
	14.0	70.0	9.150	3.129	21.6	0.961	0.990	1.000	18.54	41.3	2.93	Up
	14.0	80.0	9.445	1.640	20.4	1.000	1.000	1.000	17.55	47.4	2.51	Up
	14.0	90.0	9.603	-0.000	15.2	1.000	1.000	1.000	16.58	54.6	1.90	Up
	14.0	105.0	9.591	-2.482	21.5	1.000	1.000	1.000	13.92	64.6	2.11	Dn
	14.0	120.0	9.660	-4.830	12.3	1.000	1.000	1.000	12.14	77.3	1.31	Dn
	14.0	135.0	9.285	-6.566	6.0	1.000	1.000	1.000	9.86	93.6	0.76	Dn
	14.0	150.0	8.599	-7.447	2.2	1.000	1.000	1.000	7.83	116.7	0.34	Dn
OptDn >	***14.0***	***157.5***	***8.162***	***7.539***	***1.2***	***1.000***	***1.000***	***1.000***	***7.18***	***131.6***	***0.21***	***Dn***
	14.0	165.0	7.745	-7.481	0.0	1.000	1.000	1.000	6.82	147.9	0.13	Dn
	14.0	170.0	7.488	-7.374	0.0	1.000	1.000	1.000	6.75	158.9	0.09	Dn
	14.0	180.0	6.991	-6.991	0.0	1.000	1.000	1.000	7.01	180.0	-0.00	Dn

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Best Performance (cont)

	TWS	TWA	V	VMG	Heel	Reef	Flat	Twist	AWS	AWA	Lee	Sail
	16.0	33.0	6.846	5.741	19.2	1.000	0.592	1.000	21.87	22.1	4.91	Up
	16.0	36.0	7.334	5.933	20.2	1.000	0.591	1.000	22.11	23.5	4.43	Up
OptUp >	***16.0***	***38.8***	***7.683***	***5.988***	***21.0***	***1.000***	***0.594***	***1.000***	***22.22***	***24.9***	***4.13***	***Up***
	16.0	39.0	7.708	5.990	21.1	1.000	0.594	1.000	22.23	25.0	4.11	Up
	16.0	42.0	7.977	5.928	21.7	1.000	0.602	1.000	22.22	26.6	3.90	Up
	16.0	50.0	8.469	5.444	21.9	0.950	0.716	1.000	21.93	31.2	3.58	Up
	16.0	60.0	8.929	4.465	21.8	0.904	0.883	1.000	21.26	37.2	3.27	Up
	16.0	70.0	9.310	3.184	21.8	0.903	1.000	1.000	20.33	43.4	2.97	Up
	16.0	80.0	9.635	1.673	22.1	0.962	1.000	1.000	19.16	49.6	2.65	Up
	16.0	90.0	9.914	-0.000	19.2	1.000	1.000	1.000	18.07	56.7	2.14	Up
	16.0	105.0	9.953	-2.576	11.0	1.000	1.000	1.000	16.25	69.0	1.35	Up
	16.0	120.0	10.127	-5.063	16.1	1.000	1.000	1.000	13.48	80.9	1.45	Dn
	16.0	135.0	9.792	-6.924	7.5	1.000	1.000	1.000	11.32	97.7	0.82	Dn
	16.0	150.0	9.123	-7.900	2.7	1.000	1.000	1.000	9.29	120.6	0.37	Dn
OptDn >	***16.0***	***164.0***	***8.433***	***8.106***	***1.0***	***1.000***	***1.000***	***1.000***	***8.23***	***147.6***	***0.16***	***Dn***
	16.0	165.0	8.391	-8.105	0.0	1.000	1.000	1.000	8.19	149.6	0.15	Dn
	16.0	170.0	8.188	-8.064	0.0	1.000	1.000	1.000	8.06	159.8	0.10	Dn
	16.0	180.0	7.764	-7.764	0.0	1.000	1.000	1.000	8.24	180.0	-0.00	Dn
	20.0	33.0	6.985	5.858	21.3	0.971	0.489	1.000	25.84	23.1	5.28	Up
	20.0	36.0	7.483	6.053	21.7	0.939	0.528	1.000	26.06	24.8	4.74	Up
OptUp >	***20.0***	***38.4***	***7.784***	***6.099***	***22.0***	***0.916***	***0.562***	***1.000***	***26.13***	***26.2***	***4.47***	***Up***
	20.0	39.0	7.849	6.100	22.0	0.910	0.572	1.000	26.14	26.5	4.41	Up
	20.0	42.0	8.115	6.031	22.0	0.883	0.620	1.000	26.11	28.4	4.19	Up
	20.0	50.0	8.630	5.547	22.1	0.833	0.754	1.000	25.75	33.4	3.82	Up
	20.0	60.0	9.134	4.567	22.0	0.795	0.928	1.000	24.98	40.0	3.45	Up
	20.0	70.0	9.555	3.268	22.2	0.812	1.000	1.000	23.91	46.7	3.09	Up
	20.0	80.0	9.950	1.728	22.6	0.869	1.000	1.000	22.60	53.6	2.73	Up
	20.0	90.0	10.363	-0.000	23.0	0.942	1.000	1.000	21.13	60.6	2.36	Up
	20.0	105.0	10.795	-2.794	16.5	1.000	1.000	1.000	19.35	73.1	1.54	Up
	20.0	120.0	10.898	-5.449	23.9	0.984	1.000	1.000	15.86	86.8	1.73	Dn
	20.0	135.0	10.912	-7.716	11.3	1.000	1.000	1.000	14.24	103.1	0.91	Dn
	20.0	150.0	10.077	-8.727	4.2	1.000	1.000	1.000	12.33	126.0	0.44	Dn
	20.0	165.0	9.387	-9.067	0.0	1.000	1.000	1.000	11.20	152.5	0.20	Dn
OptDn >	***20.0***	***167.3***	***9.303***	***9.075***	***1.3***	***1.000***	***1.000***	***1.000***	***11.11***	***156.7***	***0.16***	***Dn***
	20.0	170.0	9.204	-9.064	0.0	1.000	1.000	1.000	11.05	161.7	0.12	Dn
	20.0	180.0	8.831	-8.831	0.0	1.000	1.000	1.000	11.17	180.0	-0.00	Dn
	25.0	33.0	6.838	5.735	21.5	0.860	0.489	1.000	30.55	24.5	6.15	Up
	25.0	36.0	7.419	6.002	22.2	0.833	0.529	1.000	30.81	26.2	5.40	Up
	25.0	39.0	7.846	6.097	22.4	0.803	0.581	1.000	30.91	28.1	4.95	Up
OptUp >	***25.0***	***39.2***	***7.865***	***6.094***	***22.4***	***0.801***	***0.585***	***1.000***	***30.91***	***28.2***	***4.93***	***Up***
	25.0	42.0	8.145	6.053	22.4	0.777	0.637	1.000	30.87	30.1	4.66	Up
	25.0	50.0	8.719	5.605	22.4	0.726	0.791	1.000	30.46	35.5	4.18	Up
	25.0	60.0	9.283	4.642	22.4	0.698	0.955	1.000	29.58	42.6	3.71	Up
	25.0	70.0	9.767	3.340	22.8	0.724	1.000	1.000	28.36	49.8	3.28	Up
	25.0	80.0	10.267	1.783	23.3	0.776	1.000	1.000	26.92	57.1	2.83	Up
	25.0	90.0	10.793	-0.000	23.8	0.845	1.000	1.000	25.29	64.7	2.41	Up
	25.0	105.0	11.677	-3.022	24.9	0.991	1.000	1.000	22.52	76.6	1.82	Up
	25.0	120.0	11.796	-5.898	13.3	1.000	1.000	1.000	21.08	91.9	1.04	Up
	25.0	135.0	12.703	-8.983	18.9	1.000	1.000	1.000	17.44	106.6	0.92	Dn
	25.0	150.0	11.533	-9.988	6.7	1.000	1.000	1.000	16.02	129.2	0.49	Dn
	25.0	165.0	10.573	-10.213	2.6	1.000	1.000	1.000	15.04	154.5	0.24	Dn
OptDn >	***25.0***	***165.0***	***10.571***	***10.213***	***2.6***	***1.000***	***1.000***	***1.000***	***15.03***	***154.6***	***0.24***	***Dn***
	25.0	170.0	10.332	-10.175	0.0	1.000	1.000	1.000	14.93	163.1	0.16	Dn
	25.0	180.0	9.876	-9.876	0.0	1.000	1.000	1.000	15.12	180.0	-0.00	Dn

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Best Performance (cont)

	TWS	TWA	V	VMG	Heel	Reef	Flat	Twist	AWS	AWA	Lee	Sail
	30.0	33.0	6.254	5.245	20.7	0.726	0.567	1.000	34.94	26.0	8.07	Up
	30.0	36.0	7.096	5.741	22.2	0.749	0.533	1.000	35.36	27.5	6.47	Up
	30.0	39.0	7.653	5.948	22.7	0.721	0.590	1.000	35.53	29.4	5.73	Up
OptUp >	***30.0***	***40.9***	***7.904***	***5.976***	***22.8***	***0.704***	***0.628***	***1.000***	***35.54***	***30.6***	***5.42***	***Up***
	30.0	42.0	8.038	5.974	22.8	0.695	0.650	1.000	35.53	31.4	5.27	Up
	30.0	50.0	8.709	5.598	22.8	0.648	0.811	1.000	35.11	37.1	4.61	Up
	30.0	60.0	9.342	4.671	22.9	0.626	0.966	1.000	34.14	44.5	4.02	Up
	30.0	70.0	9.895	3.384	23.5	0.653	1.000	1.000	32.79	52.1	3.51	Up
	30.0	80.0	10.495	1.822	24.0	0.701	1.000	1.000	31.23	59.8	2.97	Up
	30.0	90.0	11.140	-0.000	24.8	0.767	1.000	1.000	29.43	67.8	2.50	Up
	30.0	105.0	12.351	-3.197	25.8	0.898	1.000	1.000	26.48	80.0	1.77	Up
	30.0	120.0	13.419	-6.709	20.6	1.000	1.000	1.000	24.37	93.7	1.04	Up
	30.0	135.0	14.516	-10.264	28.3	1.000	1.000	1.000	19.84	109.7	0.90	Dn
OptDn >	***30.0***	***148.2***	***13.990***	***11.896***	***11.1***	***1.000***	***1.000***	***1.000***	***19.30***	***126.6***	***0.44***	***Dn***
	30.0	150.0	13.727	-11.888	10.0	1.000	1.000	1.000	19.19	129.7	0.43	Dn
	30.0	165.0	12.113	-11.700	3.9	1.000	1.000	1.000	18.56	155.3	0.25	Dn
	30.0	170.0	11.717	-11.539	0.0	1.000	1.000	1.000	18.57	163.7	0.17	Dn
	30.0	180.0	11.012	-11.012	0.0	1.000	1.000	1.000	18.99	180.0	-0.00	Dn

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