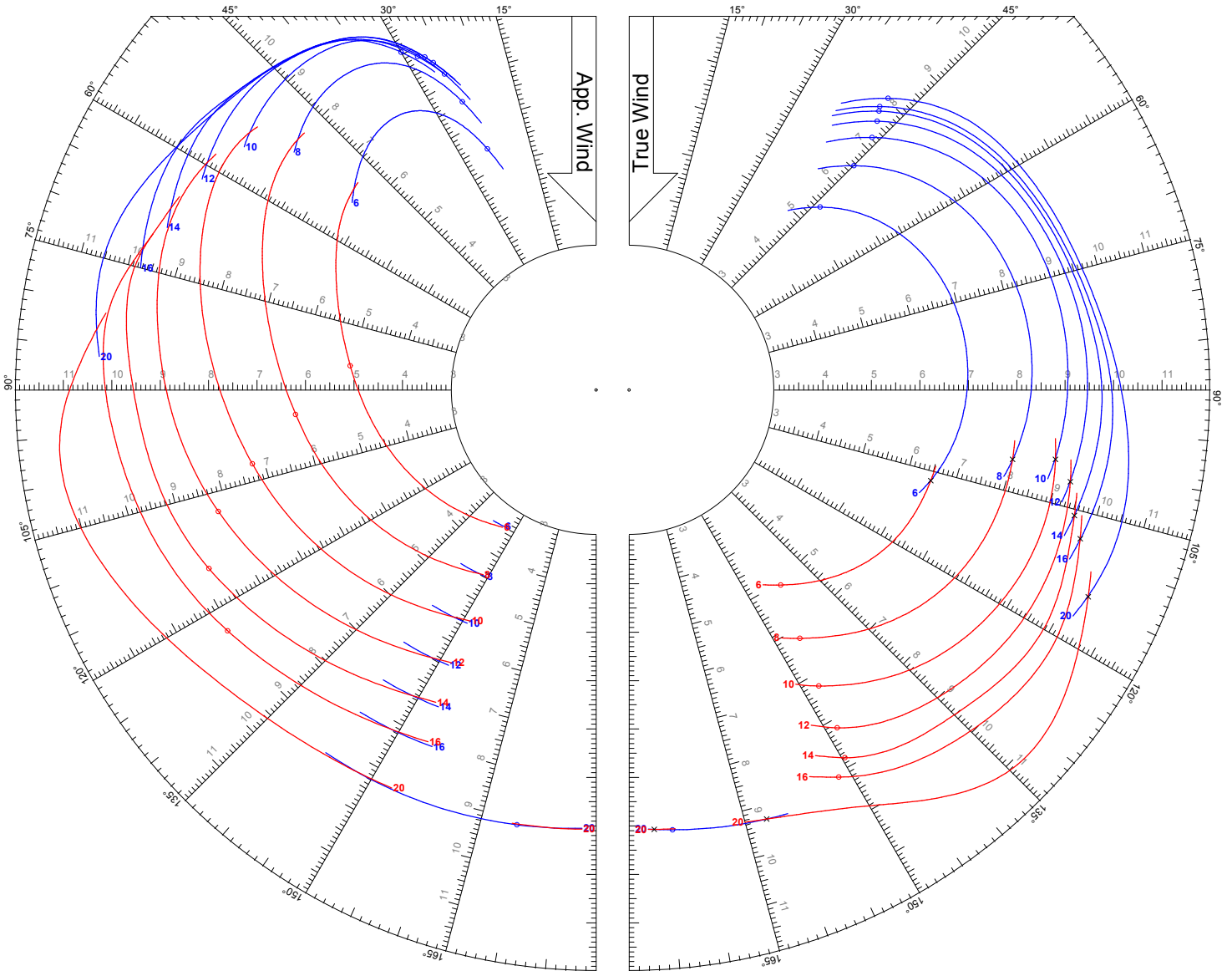




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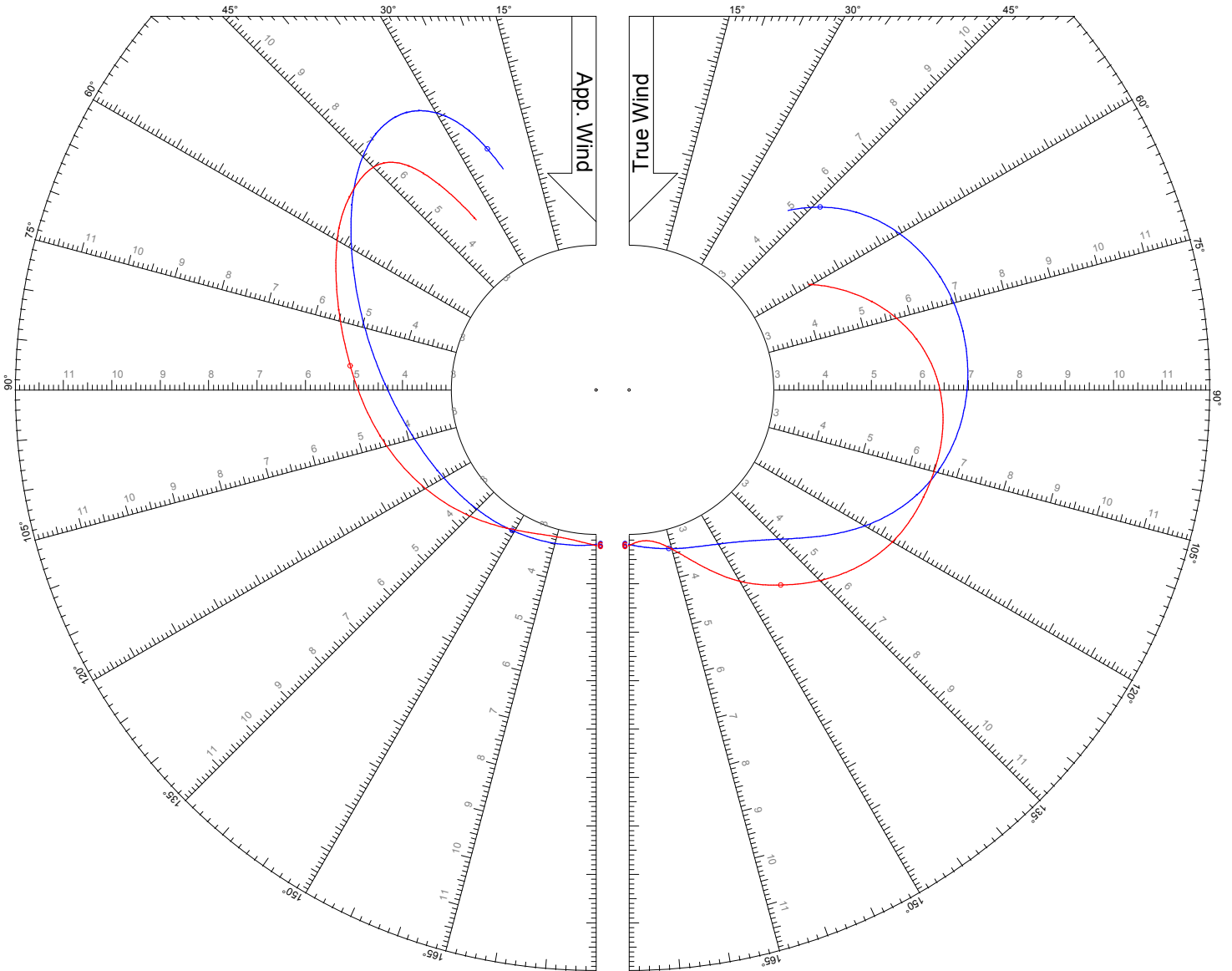
TWS: 6, 8, 10, 12, 14, 16, 20 kts

Jib

Asymmetric Spinnaker on Centerline



World Leader in Rating Technology



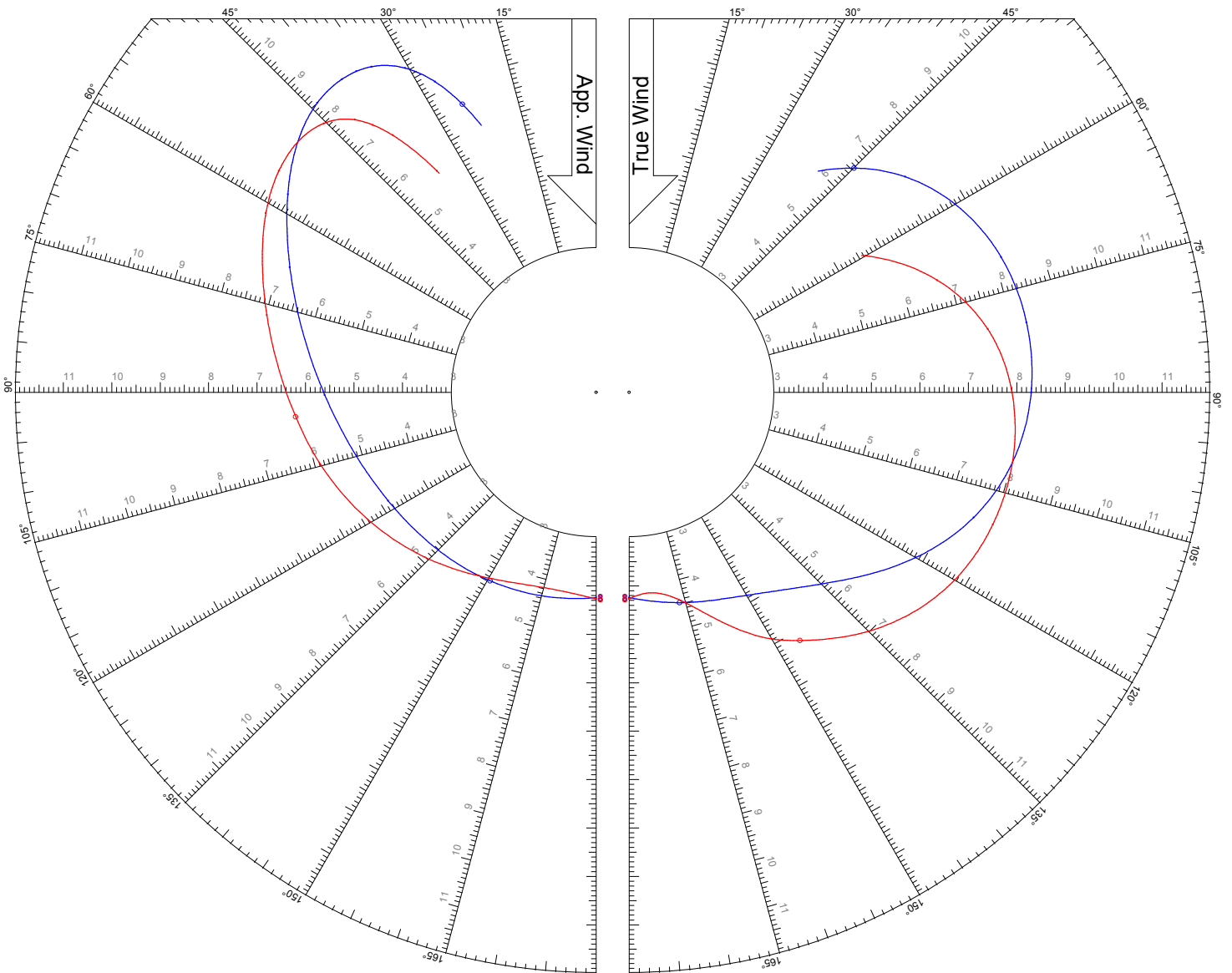
TWS: 6 kts

Jib

Asymmetric Spinnaker on Centerline



World Leader in Rating Technology



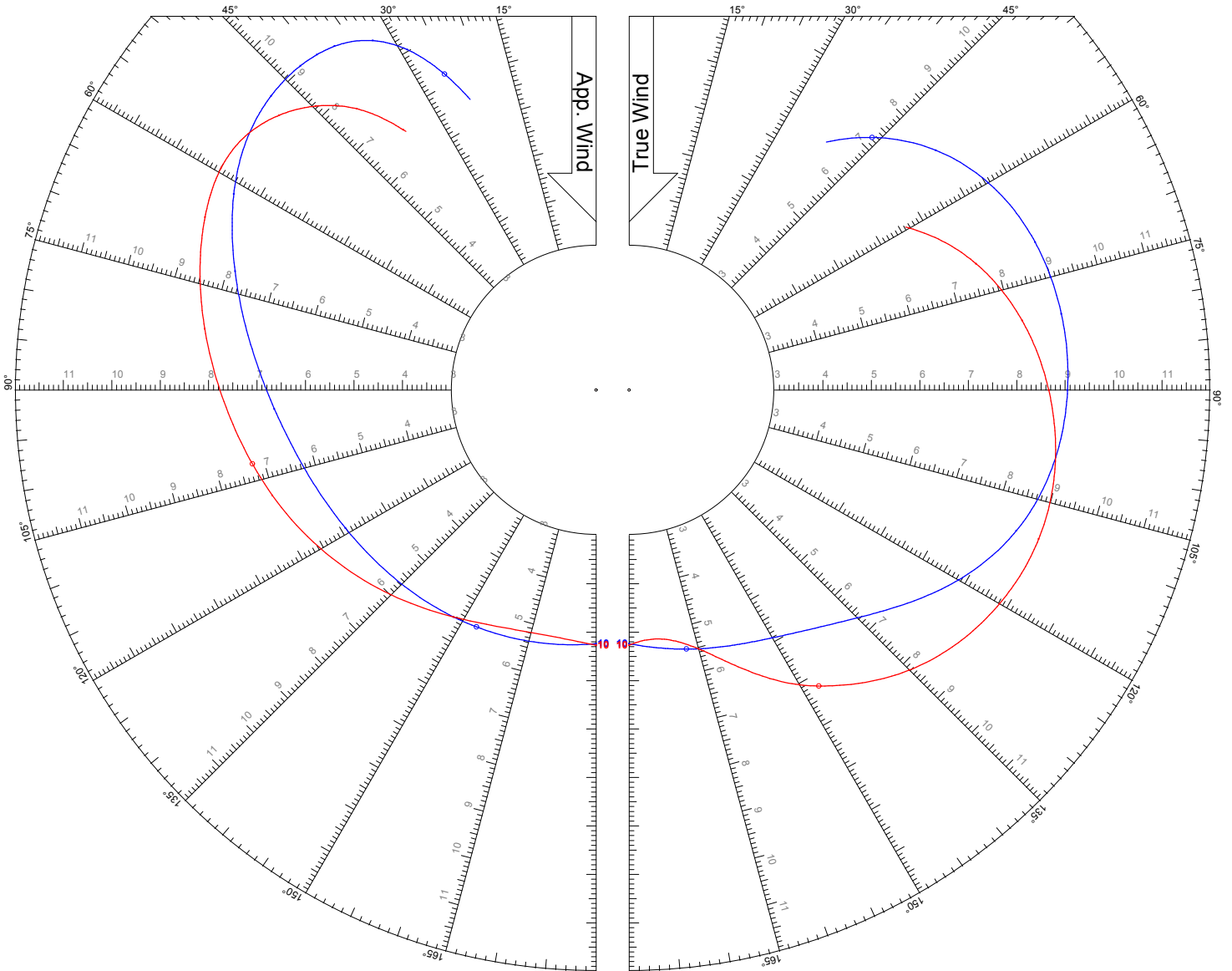
TWS: 8 kts

Jib

Asymmetric Spinnaker on Centerline



World Leader in Rating Technology



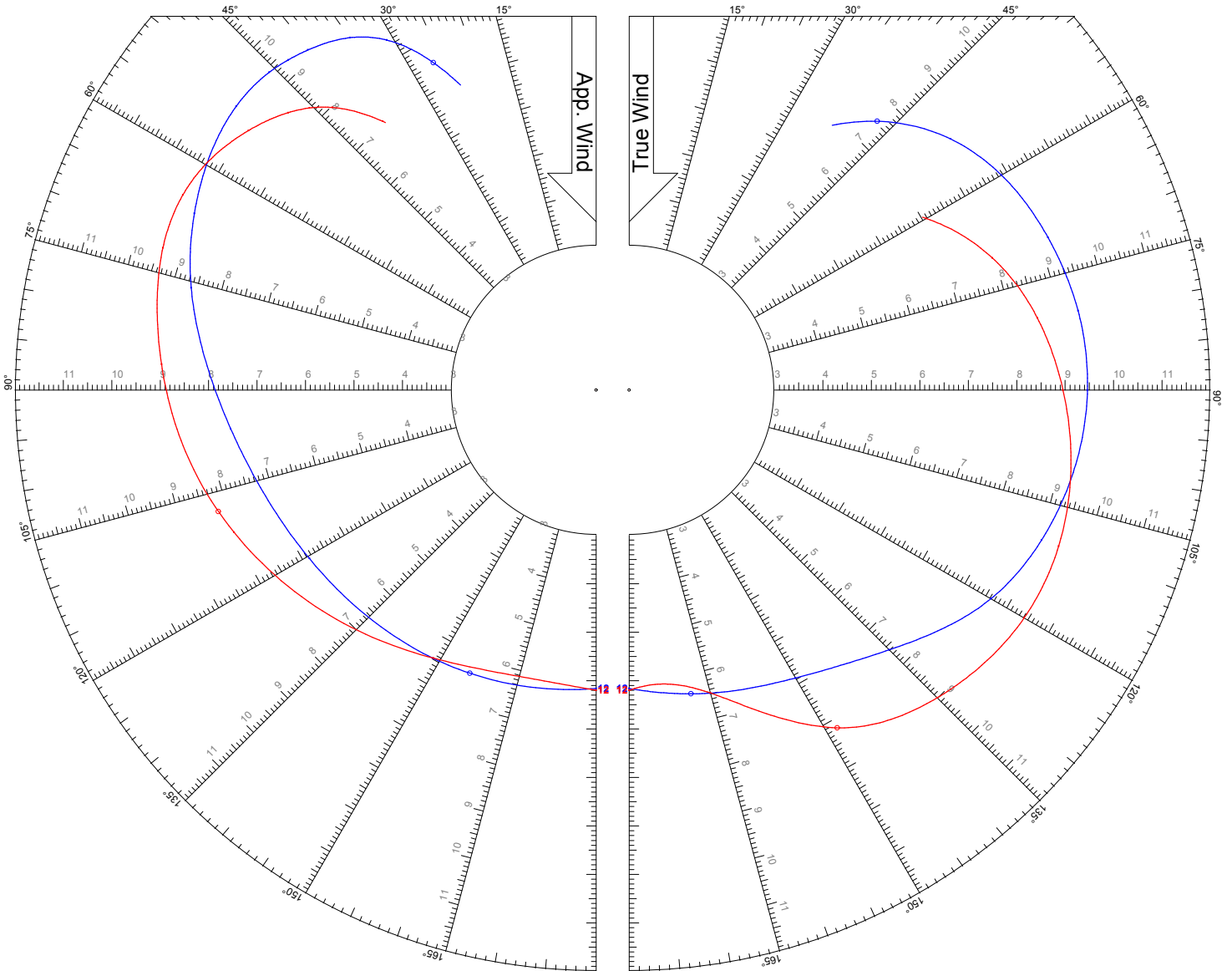
TWS: 10 kts

Jib

Asymmetric Spinnaker on Centerline



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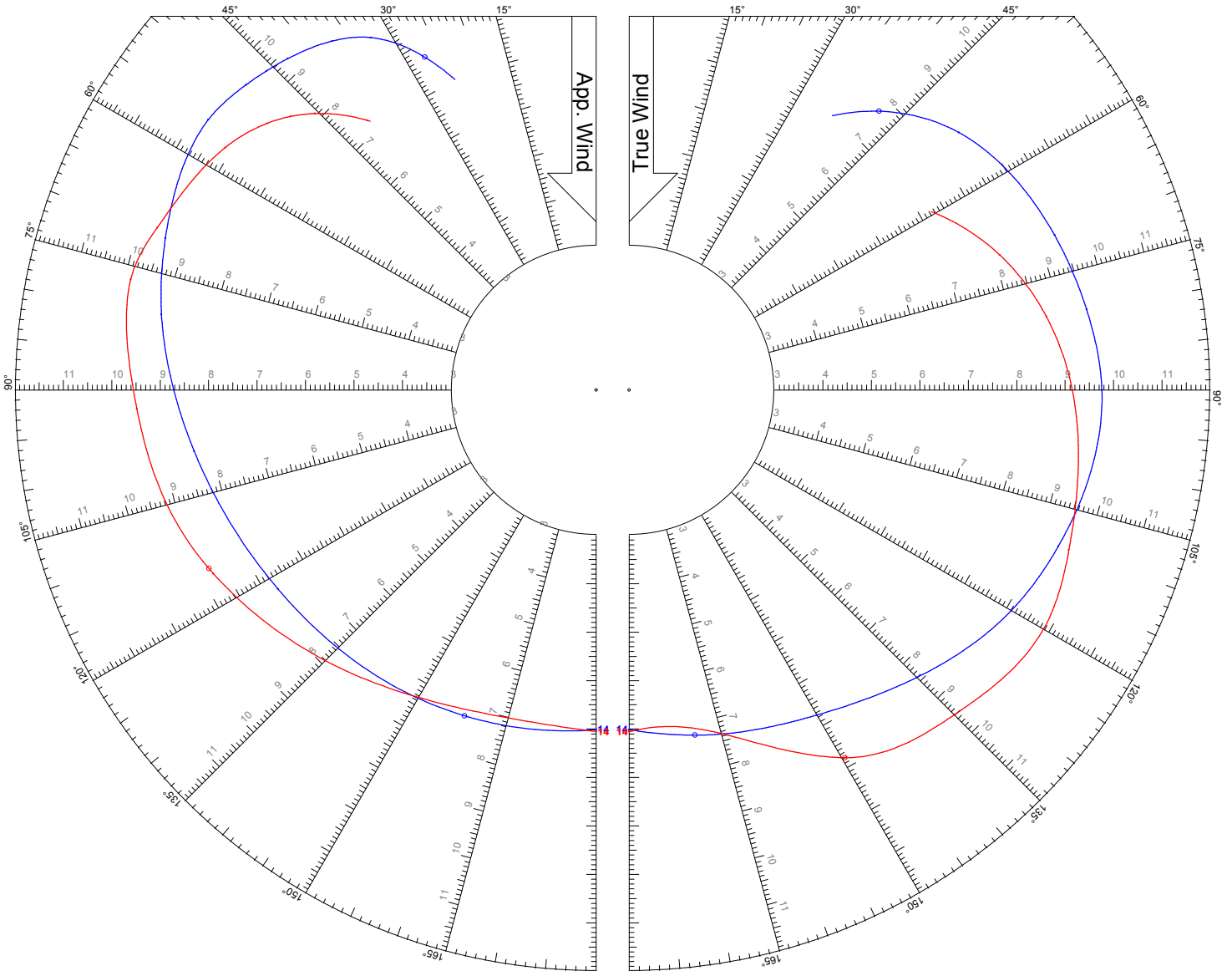
TWS: 12 kts

Jib

Asymmetric Spinnaker on Centerline



World Leader in Rating Technology



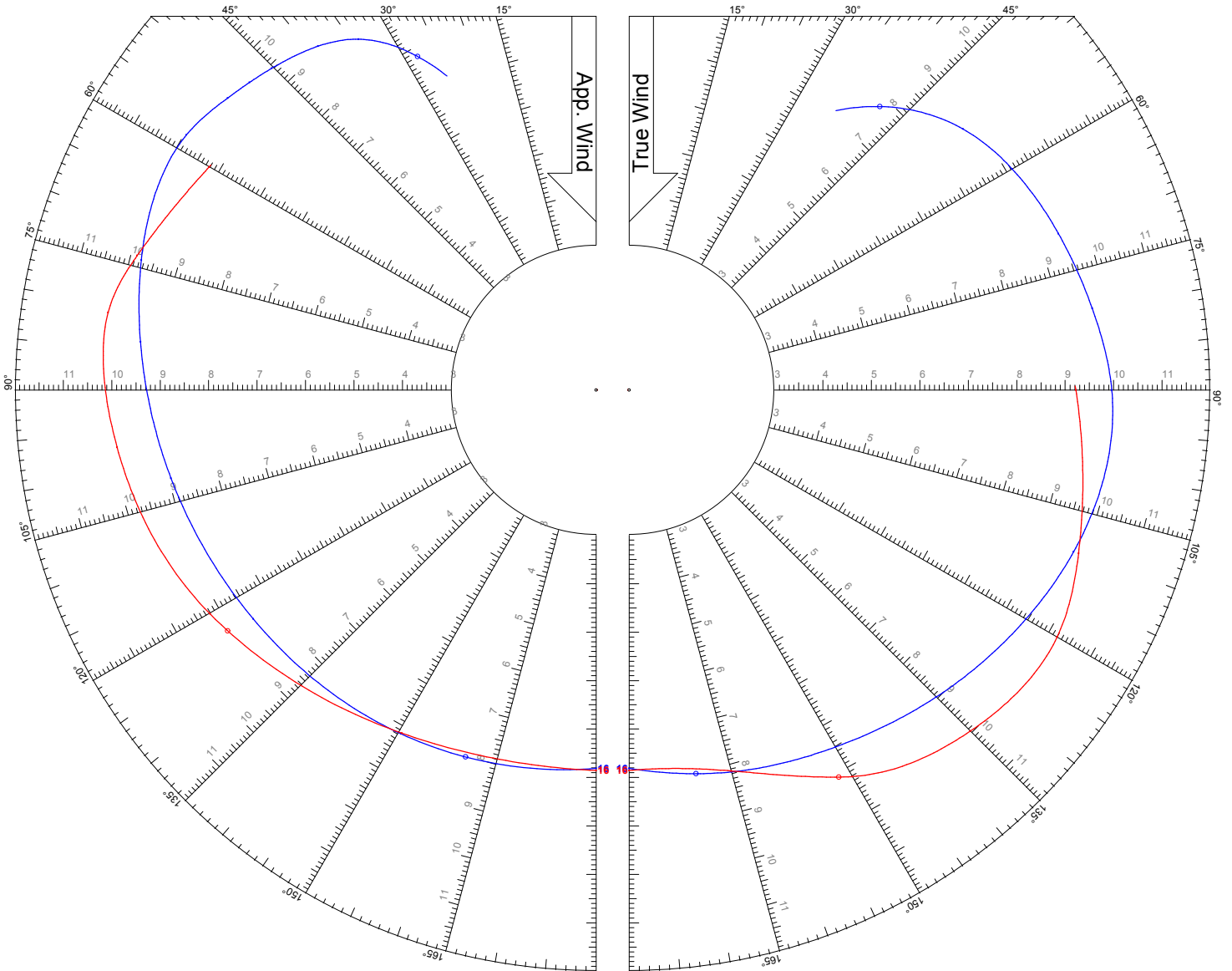
TWS: 14 kts

Jib

Asymmetric Spinnaker on Centerline



World Leader in Rating Technology



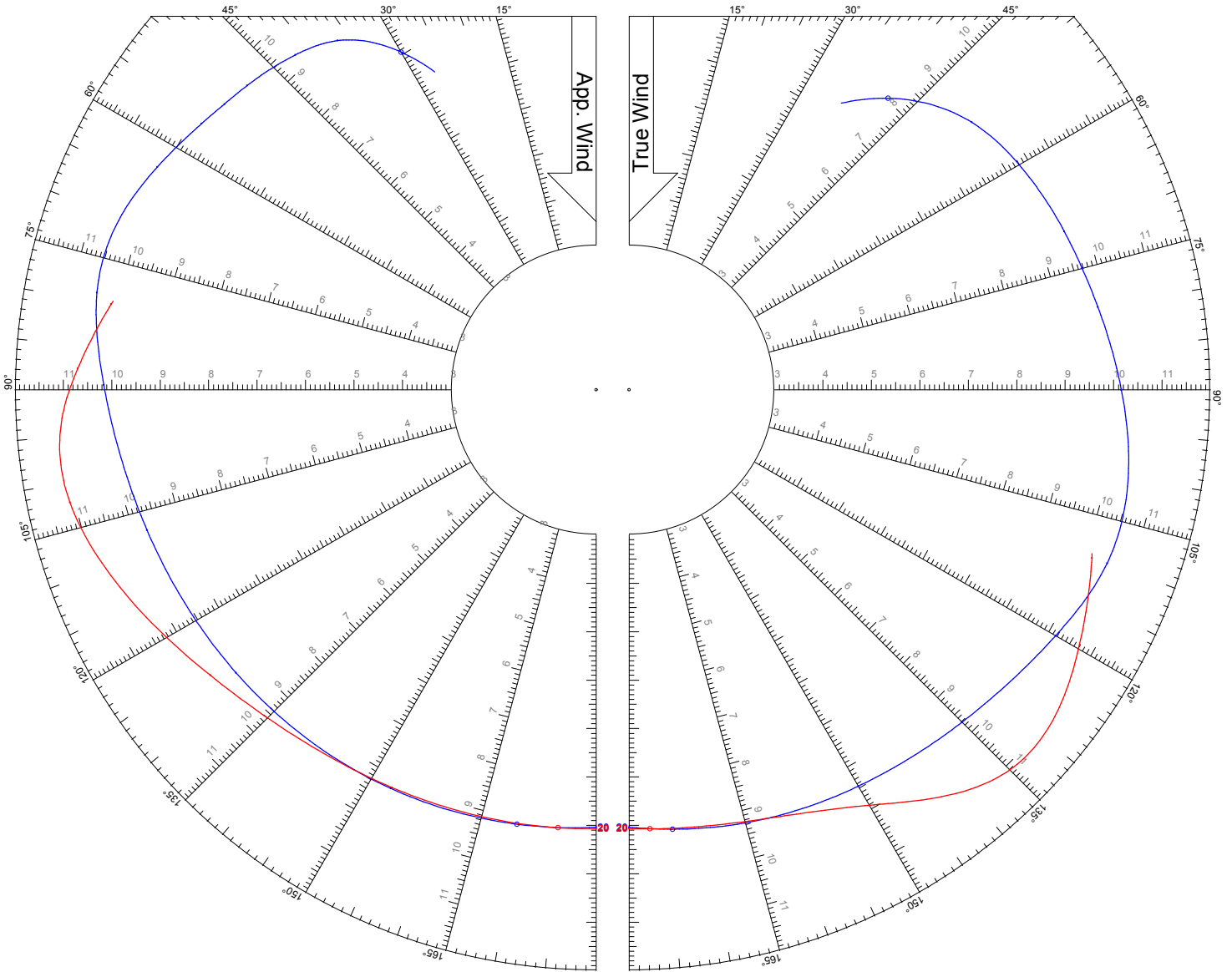
TWS: 16 kts

Jib

Asymmetric Spinnaker on Centerline



World Leader in Rating Technology



TWS: 20 kts

Jib

Asymmetric Spinnaker on Centerline

Deep Draft Keel, Best Performance



TWS = 6 Kts							
TWA	BTV	VMG	AWS	AWA	Heel	Reef	Flat
46.2° (b)	5.46	3.77	10.54	24.3°	8.1°	1.00	0.95
52°	5.96	3.67	10.75	26.1°	8.6°	1.00	0.96
60°	6.45	3.22	10.78	28.8°	8.9°	1.00	0.97
70°	6.83	2.34	10.52	32.4°	8.7°	1.00	1.00
75°	6.94	1.80	10.28	34.3°	8.2°	1.00	1.00
80°	7.00	1.21	9.98	36.3°	7.5°	1.00	1.00
90°	6.97	0.00	9.20	40.7°	5.9°	1.00	1.00
110°	6.47	2.21	7.16	51.9°	10.1°	1.00	1.00
120°	6.27	3.14	6.14	57.8°	8.0°	1.00	1.00
135°	5.56	3.93	4.44	72.7°	4.8°	1.00	1.00
150°	4.56	3.95	3.07	102.0°	2.8°	1.00	1.00
165°	3.40	3.28	2.86	147.1°	2.3°	1.00	1.00
180°	3.21	3.21	2.79	180.0°	2.0°	1.00	1.00
142.2° (r)	5.10	4.03	3.70	84.4°	3.6°	1.00	1.00

TWS = 8 Kts							
TWA	BTV	VMG	AWS	AWA	Heel	Reef	Flat
45.1° (b)	6.56	4.63	13.46	24.9°	15.3°	1.00	0.94
52°	7.23	4.45	13.69	27.4°	16.4°	1.00	0.95
60°	7.77	3.88	13.66	30.5°	16.7°	1.00	0.97
70°	8.17	2.79	13.24	34.6°	16.0°	1.00	1.00
75°	8.27	2.14	12.91	36.8°	15.0°	1.00	1.00
80°	8.33	1.45	12.51	39.0°	13.7°	1.00	1.00
90°	8.30	0.00	11.53	44.0°	10.8°	1.00	1.00
110°	7.99	2.73	9.17	55.1°	13.9°	1.00	1.00
120°	7.76	3.88	7.88	61.5°	11.5°	1.00	1.00
135°	6.98	4.94	5.81	76.8°	6.6°	1.00	1.00
150°	5.88	5.10	4.13	104.6°	3.4°	1.00	1.00
165°	4.50	4.35	3.83	147.3°	2.5°	1.00	1.00
180°	4.27	4.27	3.73	180.0°	2.1°	1.00	1.00
145.5° (r)	6.22	5.13	4.55	94.7°	4.0°	1.00	1.00

TWS = 10 Kts							
TWA	BTV	VMG	AWS	AWA	Heel	Reef	Flat
43.9° (b)	7.23	5.21	16.02	25.6°	21.7°	1.00	0.86
52°	8.04	4.95	16.23	29.0°	23.8°	1.00	0.89
60°	8.56	4.28	16.09	32.6°	25.1°	1.00	0.92
70°	8.92	3.05	15.51	37.3°	23.6°	1.00	0.96
75°	9.01	2.33	15.09	39.8°	22.3°	1.00	0.98
80°	9.06	1.57	14.61	42.4°	20.9°	1.00	1.00
90°	9.05	0.00	13.49	47.9°	15.9°	1.00	1.00
110°	9.00	3.08	10.93	59.3°	18.8°	1.00	1.00
120°	8.83	4.41	9.47	66.2°	14.5°	1.00	1.00
135°	8.18	5.78	7.16	81.1°	8.7°	1.00	1.00
150°	7.03	6.09	5.26	108.1°	4.1°	1.00	1.00
165°	5.53	5.34	4.87	147.9°	2.9°	1.00	1.00
180°	5.27	5.27	4.73	180.0°	2.1°	1.00	1.00
147.3° (r)	7.26	6.11	5.52	102.1°	4.6°	1.00	1.00

TWS = 12 Kts							
TWA	BTV	VMG	AWS	AWA	Heel	Reef	Flat
42.7° (b)	7.55	5.55	18.28	26.4°	24.0°	1.00	0.73
52°	8.42	5.18	18.42	30.9°	25.7°	1.00	0.74
60°	8.87	4.44	18.14	35.0°	27.1°	1.00	0.79
70°	9.20	3.15	17.44	40.3°	27.8°	1.00	0.86
75°	9.32	2.41	16.99	43.0°	28.4°	1.00	0.92
80°	9.41	1.63	16.48	45.8°	26.8°	1.00	0.95
90°	9.46	0.00	15.28	51.8°	21.6°	1.00	1.00
110°	9.43	3.23	12.47	64.7°	22.3°	0.98	0.95
120°	9.41	4.71	10.94	71.8°	17.1°	1.00	1.00
135°	8.99	6.36	8.50	86.6°	10.6°	1.00	1.00
150°	8.03	6.96	6.45	111.5°	4.9°	1.00	1.00
165°	6.48	6.26	5.98	148.7°	1.0°	1.00	1.00
180°	6.20	6.20	5.80	180.0°	2.2°	1.00	1.00
148.4° (r)	8.19	6.97	6.61	107.8°	5.3°	1.00	1.00

TWS = 14 Kts							
TWA	BTV	VMG	AWS	AWA	Heel	Reef	Flat
41.9° (b)	7.73	5.75	20.42	27.2°	24.6°	1.00	0.60
52°	8.63	5.32	20.48	32.6°	26.5°	1.00	0.63
60°	9.03	4.52	20.10	37.1°	27.9°	1.00	0.67
70°	9.34	3.20	19.31	43.0°	29.1°	1.00	0.75
75°	9.47	2.45	18.82	45.9°	29.4°	1.00	0.80
80°	9.59	1.66	18.29	48.9°	29.5°	1.00	0.85
90°	9.76	0.00	17.06	55.1°	26.9°	1.00	0.97
110°	9.66	3.30	14.03	69.7°	22.4°	0.95	0.87
120°	9.88	4.94	12.46	76.7°	21.8°	1.00	0.99
135°	9.49	6.71	9.91	92.4°	11.8°	1.00	1.00
150°	8.76	7.59	7.76	115.6°	5.7°	1.00	1.00
165°	7.36	7.10	7.15	149.6°	1.4°	1.00	1.00
180°	7.05	7.05	6.95	180.0°	2.3°	1.00	1.00
149.6° (r)	8.80	7.59	7.81	114.8°	5.8°	1.00	1.00

TWS = 16 Kts							
TWA	BTV	VMG	AWS	AWA	Heel	Reef	Flat
41.5° (b)	7.81	5.85	22.45	28.2°	25.9°	0.70	0.58
52°	8.75	5.39	22.47	34.1°	27.6°	0.80	0.58
60°	9.13	4.56	22.03	39.0°	28.6°	0.96	0.58
70°	9.43	3.23	21.17	45.3°	29.4°	1.00	0.64
75°	9.57	2.48	20.66	48.4°	30.1°	1.00	0.69
80°	9.70	1.69	20.10	51.6°	30.6°	1.00	0.76
90°	9.96	0.00	18.85	58.1°	31.2°	1.00	0.92
110°	9.87	3.38	15.67	73.7°	22.3°	0.89	0.85
120°	10.20	5.10	14.03	81.0°	22.2°	0.97	0.94
135°	9.96	7.04	11.39	96.8°	13.3°	1.00	1.00
150°	9.22	7.98	9.25	120.1°	6.7°	1.00	1.00
165°	8.16	7.88	8.39	150.4°	1.8°	1.00	1.00
180°	7.86	7.86	8.14	180.0°	2.4°	1.00	1.00
151.6° (r)	9.09	7.99	9.10	123.2°	6.3°	1.00	1.00

TWS = 20 Kts							
TWA	BTV	VMG	AWS	AWA	Heel	Reef	Flat
41.6° (b)	8.05	6.02	26.56	30.0°	25.3°	0.49	0.58
52°	8.97	5.52	26.48	36.5°	27.0°	0.50	0.58
60°	9.29	4.65	25.93	41.9°	26.5°	0.52	0.58
70°	9.56	3.27	24.94	48.9°	27.5°	0.60	0.58
75°	9.68	2.51	24.37	52.4°	30.4°	0.76	0.58
80°	9.83	1.71	23.77	56.0°	30.9°	1.00	0.58
90°	10.16	0.00	22.43	63.1°	32.7°	1.00	0.73
110°	10.50	3.59	19.15	79.0°	25.3°	1.00	1.00
120°	10.71	5.35	17.34	87.7°	22.5°	0.90	0.87
135°	11.11	7.86	14.46	102.1°	17.6°	1.00	1.00
150°	9.91	8.58	12.45	126.5°	9.6°	1.00	1.00
165°	9.26	8.95	11.31	152.8°	2.9°	1.00	1.00
180°	9.07	9.07	10.93	180.0°	2.7°	1.00	1.00
174.4° (r)	9.12	9.08	10.96	169.7°	1.5°	1.00	1.00



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TWS = 6 Kts							
TWA	BTV	VMG	AWS	AWA	Heel	Reef	Flat
46.2° (b)	5.46	3.77	10.56	24.2°	8.1°	1.00	0.95
52°	5.96	3.67	10.76	25.9°	8.6°	1.00	0.96
60°	6.45	3.22	10.79	28.6°	8.9°	1.00	0.97
70°	6.83	2.34	10.52	32.3°	8.7°	1.00	1.00
75°	6.94	1.80	10.28	34.2°	8.2°	1.00	1.00
80°	7.00	1.21	9.98	36.3°	7.5°	1.00	1.00
90°	6.97	0.00	9.21	40.8°	5.9°	1.00	1.00
110°	6.32	2.16	7.10	53.2°	3.1°	1.00	1.00
120°	5.61	2.81	5.85	63.8°	2.0°	1.00	1.00
135°	4.36	3.08	4.31	89.4°	0.9°	1.00	1.00
150°	3.67	3.18	3.45	117.8°	0.5°	1.00	1.00
165°	3.39	3.28	2.94	147.6°	0.3°	1.00	1.00
180°	3.19	3.19	2.90	180.0°	0.1°	1.00	1.00
166.0° (r)	3.38	3.28	2.92	149.6°	0.3°	1.00	1.00

TWS = 8 Kts							
TWA	BTV	VMG	AWS	AWA	Heel	Reef	Flat
45.1° (b)	6.56	4.63	13.40	24.2°	15.3°	1.00	0.94
52°	7.23	4.45	13.60	26.5°	16.4°	1.00	0.95
60°	7.77	3.88	13.54	29.5°	16.7°	1.00	0.97
70°	8.17	2.79	13.11	33.6°	16.0°	1.00	1.00
75°	8.27	2.14	12.79	35.9°	15.0°	1.00	1.00
80°	8.33	1.45	12.40	38.4°	13.7°	1.00	1.00
90°	8.30	0.00	11.47	43.6°	10.8°	1.00	1.00
110°	7.57	2.59	8.96	57.6°	4.7°	1.00	1.00
120°	6.83	3.41	7.53	68.3°	2.9°	1.00	1.00
135°	5.60	3.96	5.75	91.5°	1.4°	1.00	1.00
150°	4.84	4.19	4.62	118.4°	0.9°	1.00	1.00
165°	4.50	4.34	3.94	147.8°	0.5°	1.00	1.00
180°	4.24	4.24	3.88	180.0°	0.1°	1.00	1.00
166.6° (r)	4.47	4.35	3.90	151.1°	0.4°	1.00	1.00

TWS = 10 Kts							
TWA	BTV	VMG	AWS	AWA	Heel	Reef	Flat
43.9° (b)	7.23	5.21	15.80	24.0°	21.7°	1.00	0.86
52°	8.04	4.95	15.90	26.9°	23.8°	1.00	0.89
60°	8.56	4.28	15.64	30.0°	25.1°	1.00	0.92
70°	8.92	3.05	15.04	34.9°	23.6°	1.00	0.96
75°	9.01	2.33	14.64	37.6°	22.3°	1.00	0.98
80°	9.06	1.57	14.20	40.5°	20.9°	1.00	1.00
90°	9.05	0.00	13.24	46.9°	15.9°	1.00	1.00
110°	8.50	2.91	10.69	61.8°	6.8°	1.00	1.00
120°	7.85	3.92	9.18	72.3°	4.0°	1.00	1.00
135°	6.65	4.70	7.20	94.3°	2.1°	1.00	1.00
150°	5.91	5.12	5.84	119.7°	1.4°	1.00	1.00
165°	5.53	5.34	5.00	148.4°	0.7°	1.00	1.00
180°	5.24	5.24	4.91	180.0°	0.1°	1.00	1.00
167.5° (r)	5.48	5.35	4.93	153.6°	0.6°	1.00	1.00

TWS = 12 Kts							
TWA	BTV	VMG	AWS	AWA	Heel	Reef	Flat
42.7° (b)	7.55	5.55	17.91	24.4°	24.0°	1.00	0.73
52°	8.42	5.18	17.88	28.2°	25.7°	1.00	0.74
60°	8.87	4.44	17.44	31.8°	27.1°	1.00	0.79
70°	9.20	3.15	16.57	36.7°	27.8°	1.00	0.86
75°	9.32	2.41	16.02	39.2°	28.4°	1.00	0.92
80°	9.41	1.63	15.56	42.4°	26.8°	1.00	0.95
90°	9.46	0.00	14.64	49.7°	21.6°	1.00	1.00
110°	9.06	3.10	12.27	66.4°	9.2°	1.00	1.00
120°	8.62	4.31	10.79	76.4°	5.3°	1.00	1.00
135°	7.59	5.36	8.68	96.9°	2.9°	1.00	1.00
150°	6.87	5.95	7.12	121.2°	1.9°	1.00	1.00
165°	6.48	6.26	6.13	149.1°	1.0°	1.00	1.00
180°	6.16	6.16	6.01	180.0°	0.2°	1.00	1.00
168.5° (r)	6.40	6.27	6.02	156.3°	0.8°	1.00	1.00

TWS = 14 Kts							
TWA	BTV	VMG	AWS	AWA	Heel	Reef	Flat
41.9° (b)	7.73	5.75	19.93	25.0°	24.6°	1.00	0.60
52°	8.63	5.32	19.76	29.7°	26.5°	1.00	0.63
60°	9.03	4.52	19.16	33.6°	27.9°	1.00	0.67
70°	9.34	3.20	18.11	38.9°	29.1°	1.00	0.75
75°	9.47	2.45	17.51	41.8°	29.4°	1.00	0.80
80°	9.59	1.66	16.89	44.8°	29.5°	1.00	0.85
90°	9.76	0.00	15.82	51.9°	26.9°	1.00	0.97
110°	9.43	3.22	13.79	70.6°	11.8°	1.00	1.00
120°	9.11	4.55	12.35	80.6°	7.3°	1.00	1.00
135°	8.39	5.93	10.18	99.5°	3.8°	1.00	1.00
150°	7.75	6.71	8.44	122.7°	2.5°	1.00	1.00
165°	7.36	7.10	7.33	150.0°	1.4°	1.00	1.00
180°	7.01	7.01	7.19	180.0°	0.3°	1.00	1.00
169.2° (r)	7.25	7.13	7.19	158.3°	1.1°	1.00	1.00

TWS = 16 Kts							
TWA	BTV	VMG	AWS	AWA	Heel	Reef	Flat
41.5° (b)	7.81	5.85	21.83	25.6°	25.9°	0.70	0.58
52°	8.75	5.39	21.53	30.9°	27.6°	0.80	0.58
60°	9.13	4.56	20.83	35.2°	28.6°	0.96	0.58
70°	9.43	3.23	19.68	41.1°	29.4°	1.00	0.64
75°	9.57	2.48	19.00	44.0°	30.1°	1.00	0.69
80°	9.70	1.69	18.29	47.1°	30.6°	1.00	0.76
90°	9.96	0.00	16.84	53.7°	31.2°	1.00	0.92
110°	9.76	3.34	15.25	73.8°	15.2°	1.00	1.00
120°	9.46	4.73	13.91	84.4°	9.6°	1.00	1.00
135°	8.96	6.34	11.74	102.5°	5.1°	1.00	1.00
150°	8.51	7.37	9.83	124.4°	3.3°	1.00	1.00
165°	8.16	7.88	8.59	150.8°	1.8°	1.00	1.00
180°	7.81	7.81	8.42	180.0°	0.4°	1.00	1.00
170.1° (r)	8.04	7.92	8.40	160.7°	1.3°	1.00	1.00

TWS = 20 Kts							
TWA	BTV	VMG	AWS	AWA	Heel	Reef	Flat
41.6° (b)	8.05	6.02	25.43	27.3°	25.3°	0.49	0.58
52°	8.97	5.52	25.01	33.1°	27.0°	0.50	0.58
60°	9.29	4.65	24.33	38.5°	26.5°	0.52	0.58
70°	9.56	3.27	23.12	45.2°	27.5°	0.60	0.58
75°	9.68	2.51	22.10	48.0°	30.4°	0.76	0.58
80°	9.83	1.71	21.28	51.5°	30.9°	1.00	0.58
90°	10.16	0.00	19.46	58.5°	32.7°	1.00	0.73
110°	10.50	3.59	17.42	78.0°	25.3°	1.00	1.00
120°	10.16	5.08	16.83	89.8°	16.2°	1.00	1.00
135°	9.71	6.87	14.90	108.2°	9.8°	1.00	1.00
150°	9.46	8.19	12.95	128.8°	5.6°	1.00	1.00
165°	9.26	8.95	11.56	153.1°	2.9°	1.00	1.00
180°	9.04	9.04	11.25	180.0°	0.7°	1.00	1.00
174.4° (r)	9.12	9.08	11.23	169.8°	1.5°	1.00	1.00

Deep Draft Keel, Asymmetric Spinnaker on CL



TWS = 6 Kts							
TWA	BTV	VMG	AWS	AWA	Heel	Reef	Flat
60°	4.35	2.18	9.15	35.4°	9.6°	1.00	0.95
70°	5.33	1.82	9.40	37.5°	11.2°	1.00	0.96
75°	5.72	1.48	9.39	38.8°	11.7°	1.00	0.96
80°	6.03	1.05	9.29	40.1°	12.0°	1.00	0.97
90°	6.41	0.00	8.84	43.5°	12.0°	1.00	0.97
110°	6.47	2.21	7.21	53.1°	10.1°	1.00	1.00
120°	6.27	3.14	6.21	59.5°	8.0°	1.00	1.00
135°	5.56	3.93	4.55	75.4°	4.8°	1.00	1.00
150°	4.56	3.95	3.23	105.2°	2.8°	1.00	1.00
165°	3.40	3.28	3.05	148.3°	2.3°	1.00	1.00
180°	3.21	3.21	2.98	180.0°	2.0°	1.00	1.00
142.2° (r)	5.10	4.03	3.83	87.5°	3.6°	1.00	1.00

TWS = 8 Kts							
TWA	BTV	VMG	AWS	AWA	Heel	Reef	Flat
60°	5.63	2.82	11.99	35.4°	14.0°	1.00	0.95
70°	6.77	2.31	12.15	37.8°	16.5°	1.00	0.96
75°	7.19	1.86	12.05	39.2°	17.4°	1.00	0.96
80°	7.51	1.30	11.83	40.9°	18.1°	1.00	0.96
90°	7.90	0.00	11.17	45.0°	17.5°	1.00	0.97
110°	7.99	2.73	9.16	55.8°	13.9°	1.00	1.00
120°	7.76	3.88	7.92	62.9°	11.5°	1.00	1.00
135°	6.98	4.94	5.95	79.4°	6.6°	1.00	1.00
150°	5.88	5.10	4.36	107.7°	3.4°	1.00	1.00
165°	4.50	4.35	4.09	148.5°	2.5°	1.00	1.00
180°	4.27	4.27	3.99	180.0°	2.1°	1.00	1.00
145.5° (r)	6.22	5.13	4.75	97.7°	4.0°	1.00	1.00

TWS = 10 Kts							
TWA	BTV	VMG	AWS	AWA	Heel	Reef	Flat
60°	6.68	3.34	14.45	35.0°	21.5°	1.00	0.94
70°	7.62	2.61	14.25	38.6°	22.6°	0.96	0.89
75°	7.96	2.06	14.01	40.8°	22.6°	0.95	0.88
80°	8.24	1.43	13.69	43.0°	22.5°	0.95	0.88
90°	8.66	0.00	12.85	47.6°	22.6°	0.97	0.91
110°	9.00	3.08	10.70	59.3°	18.8°	1.00	1.00
120°	8.83	4.41	9.43	67.3°	14.5°	1.00	1.00
135°	8.18	5.78	7.31	83.5°	8.7°	1.00	1.00
150°	7.03	6.09	5.55	110.9°	4.1°	1.00	1.00
165°	5.53	5.34	5.20	149.0°	2.9°	1.00	1.00
180°	5.27	5.27	5.05	180.0°	2.1°	1.00	1.00
147.3° (r)	7.26	6.11	5.79	105.0°	4.6°	1.00	1.00

TWS = 12 Kts							
TWA	BTV	VMG	AWS	AWA	Heel	Reef	Flat
60°	7.08	3.54	16.43	36.5°	22.6°	0.91	0.87
70°	7.98	2.73	16.12	41.1°	22.8°	0.88	0.81
75°	8.30	2.15	15.82	43.6°	22.6°	0.88	0.80
80°	8.56	1.49	15.42	46.2°	22.7°	0.90	0.79
90°	8.95	0.00	14.45	51.7°	22.4°	0.91	0.82
110°	9.43	3.23	11.95	64.2°	22.3°	0.98	0.95
120°	9.41	4.71	10.78	72.7°	17.1°	1.00	1.00
135°	8.99	6.36	8.66	88.8°	10.6°	1.00	1.00
150°	8.03	6.96	6.80	114.0°	4.9°	1.00	1.00
165°	6.48	6.26	6.37	149.8°	3.3°	1.00	1.00
180°	6.20	6.20	6.18	180.0°	2.2°	1.00	1.00
148.4° (r)	8.19	6.97	6.95	110.4°	5.3°	1.00	1.00

TWS = 14 Kts							
TWA	BTV	VMG	AWS	AWA	Heel	Reef	Flat
60°	7.30	3.65	18.30	38.1°	23.2°	0.85	0.77
70°	8.14	2.78	17.88	43.4°	23.2°	0.85	0.69
75°	8.47	2.19	17.53	46.1°	23.1°	0.85	0.70
80°	8.74	1.52	17.09	49.0°	23.0°	0.85	0.72
90°	9.15	0.00	15.96	55.0°	23.1°	0.85	0.79
110°	9.66	3.30	13.37	69.2°	22.4°	0.95	0.87
120°	9.88	4.94	11.92	77.2°	21.8°	1.00	0.99
135°	9.49	6.71	10.09	94.5°	11.8°	1.00	1.00
150°	8.76	7.59	8.18	117.9°	5.7°	1.00	1.00
165°	7.34	7.09	7.61	150.6°	3.8°	1.00	1.00
180°	7.05	7.05	7.39	180.0°	2.3°	1.00	1.00
149.6° (r)	8.80	7.59	8.22	117.0°	5.8°	1.00	1.00

TWS = 16 Kts							
TWA	BTV	VMG	AWS	AWA	Heel	Reef	Flat
60°	-0.01	-0.01	15.05	57.4°	25.5°	0.85	0.62
70°	-0.01	0.00	14.83	68.1°	25.5°	0.85	0.62
75°	-0.01	0.00	14.75	73.5°	25.5°	0.85	0.62
80°	-0.01	0.00	14.69	79.0°	25.5°	0.85	0.62
90°	9.22	0.00	17.58	58.4°	23.0°	0.85	0.63
110°	9.87	3.38	14.84	73.2°	22.3°	0.89	0.85
120°	10.20	5.10	13.35	81.6°	22.2°	0.97	0.94
135°	9.96	7.04	11.56	98.8°	13.3°	1.00	1.00
150°	9.22	7.98	9.72	122.0°	6.7°	1.00	1.00
165°	8.14	7.86	8.91	151.4°	4.5°	1.00	1.00
180°	7.86	7.86	8.65	180.0°	2.4°	1.00	1.00
151.6° (r)	9.09	7.99	9.58	125.0°	6.3°	1.00	1.00

TWS = 20 Kts							
TWA	BTV	VMG	AWS	AWA	Heel	Reef	Flat
60°	-0.01	-0.01	17.45	54.9°	34.8°	0.85	0.62
70°	-0.01	0.00	16.94	66.1°	34.8°	0.85	0.62
75°	-0.01	0.00	16.75	72.0°	34.8°	0.85	0.62
80°	-0.01	0.00	16.60	77.9°	34.8°	0.85	0.62
90°	-0.01	0.00	16.48	90.0°	34.8°	0.85	0.62
110°	10.16	3.48	17.91	79.7°	22.7°	0.85	0.71
120°	10.71	5.35	16.36	88.3°	22.5°	0.90	0.87
135°	11.11	7.86	14.38	104.2°	17.6°	1.00	1.00
150°	9.91	8.58	12.98	128.1°	9.6°	1.00	1.00
165°	9.24	8.92	11.96	153.6°	6.2°	1.00	1.00
180°	9.07	9.07	11.57	180.0°	2.7°	1.00	1.00
177.3° (r)	9.08	9.07	11.57	175.2°	3.2°	1.00	1.00