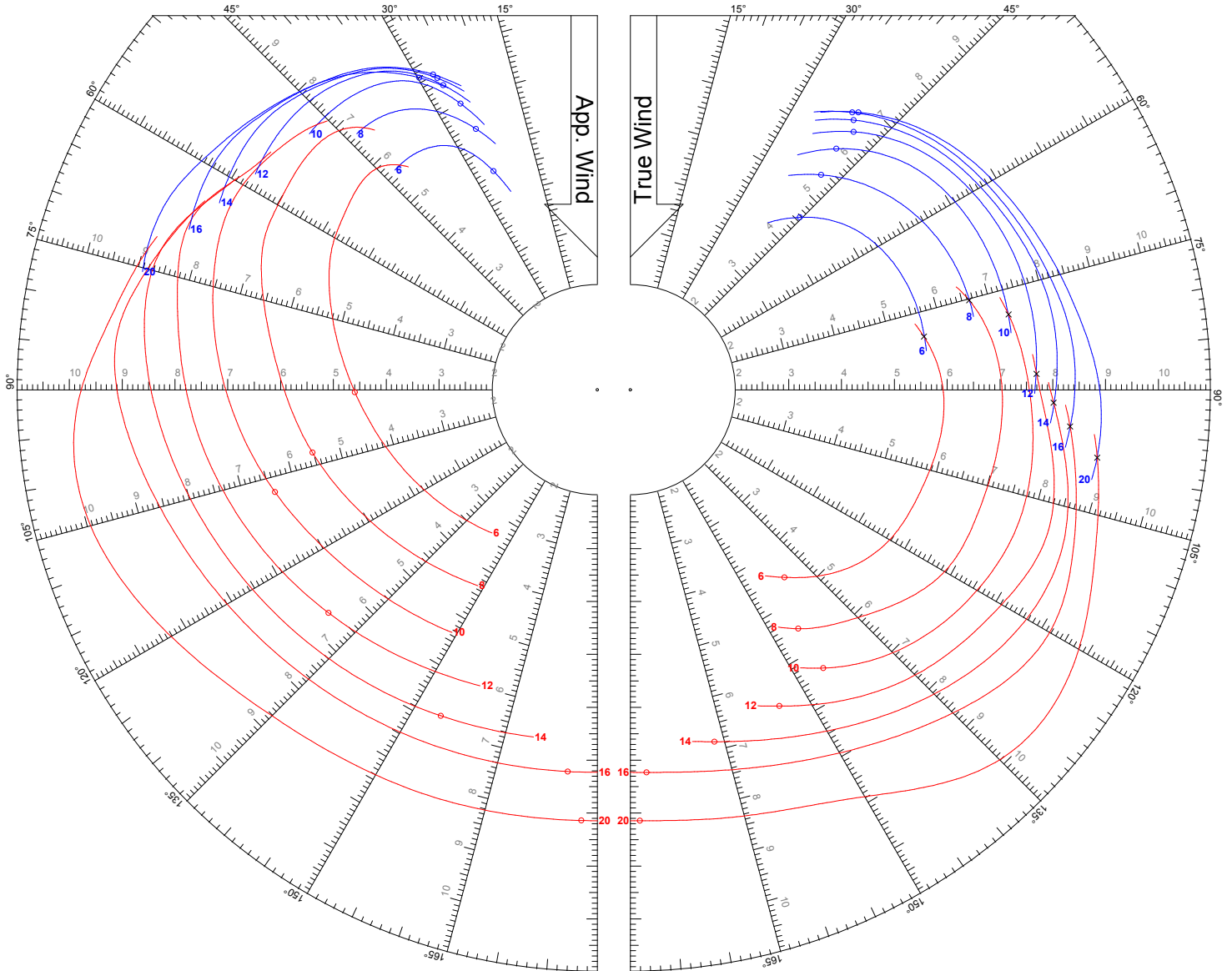




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Polar Plot for Boat

Name **J/105**
Sail Number **USA 1**
Class **J/105 One Design**
Designer **Rodney Johnstone**
Builder **J Boats, Inc.**
Issued On **5/25/2011 - VPP 2011 1.02**

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

Jib

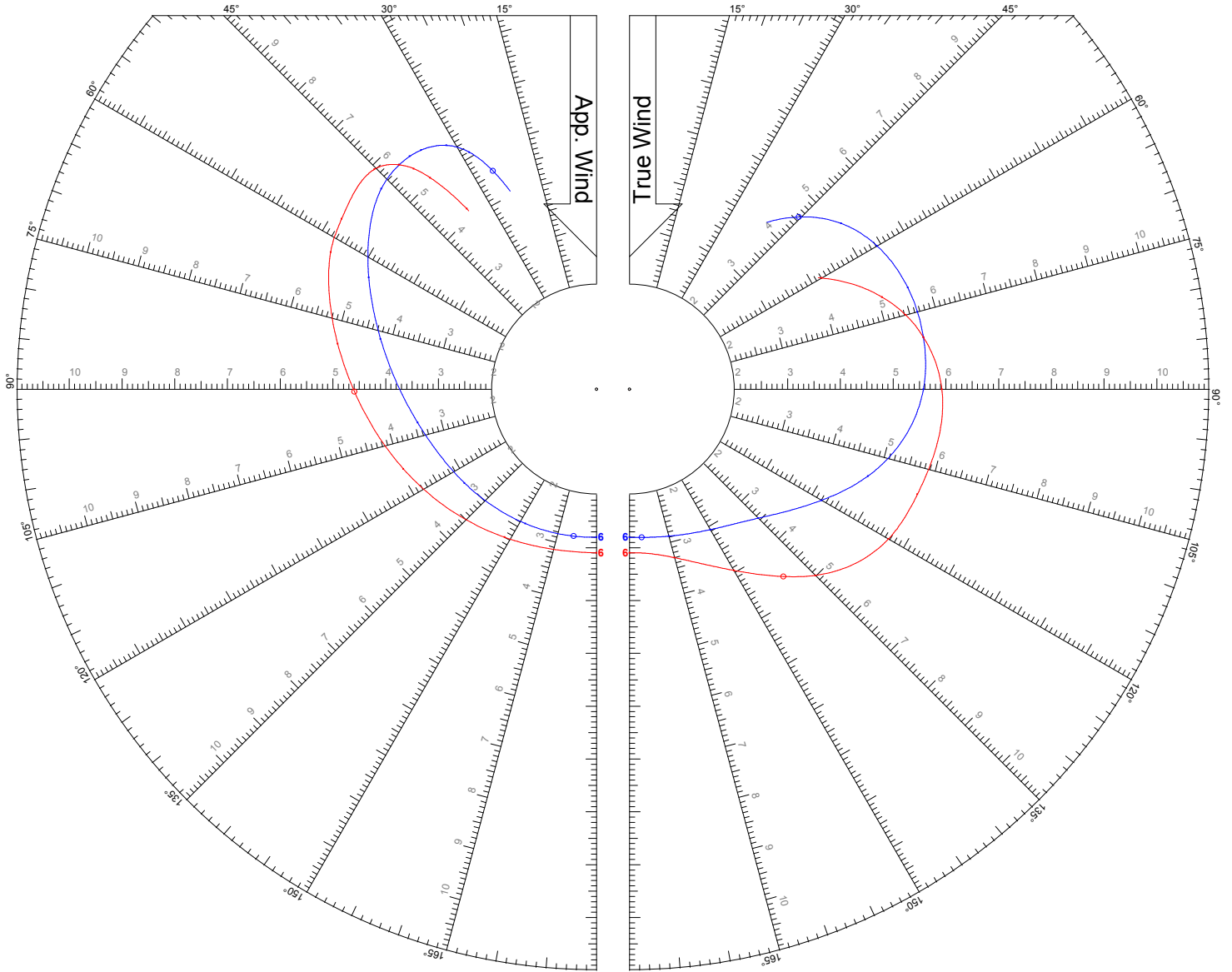
Asymmetric Spinnaker on Centerline



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Polar Plot for Boat

Name **J/105**
 Sail Number **USA 1**
 Class **J/105 One Design**
 Designer **Rodney Johnstone**
 Builder **J Boats, Inc.**
 Issued On **5/25/2011 - VPP 2011 1.02**

TWS: 6 kts

Jib

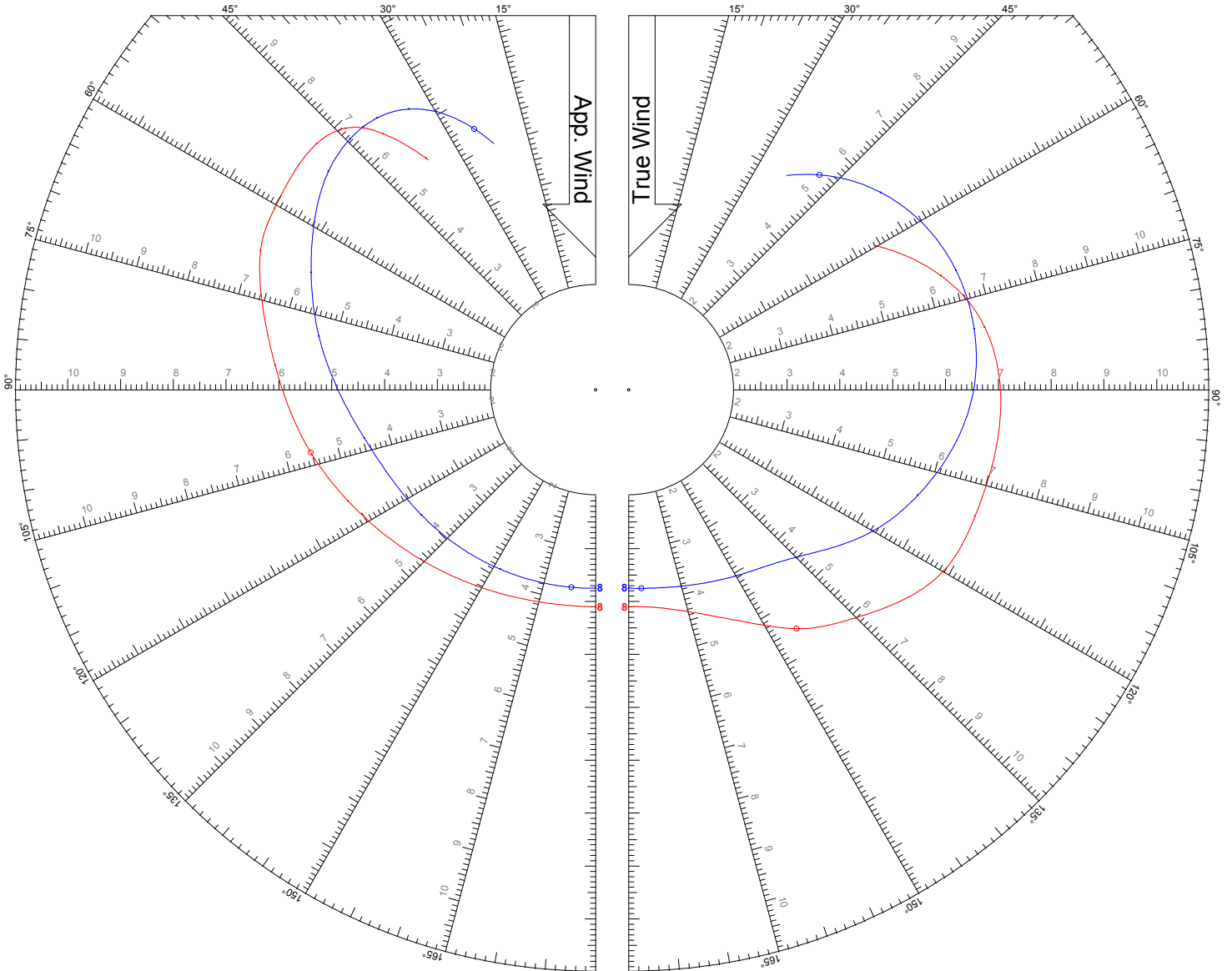
Asymmetric Spinnaker on Centerline



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Polar Plot for Boat

Name **J/105**
Sail Number **USA 1**
Class **J/105 One Design**
Designer **Rodney Johnstone**
Builder **J Boats, Inc.**
Issued On **5/25/2011 - VPP 2011 1.02**

TWS: 8 kts

Jib

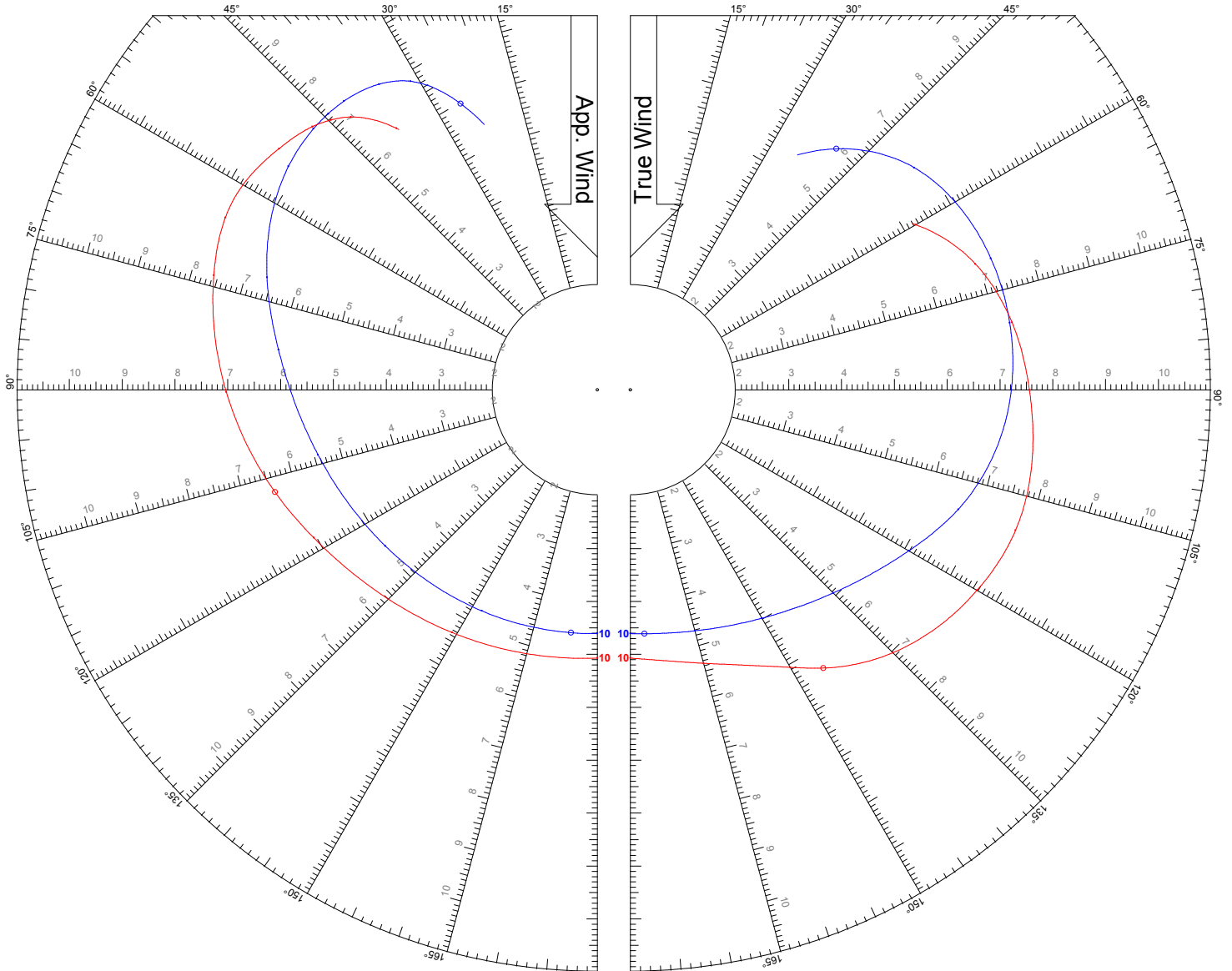
Asymmetric Spinnaker on Centerline



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Polar Plot for Boat

Name **J/105**
Sail Number **USA 1**
Class **J/105 One Design**
Designer **Rodney Johnstone**
Builder **J Boats, Inc.**
Issued On **5/25/2011 - VPP 2011 1.02**

TWS: 10 kts

Jib

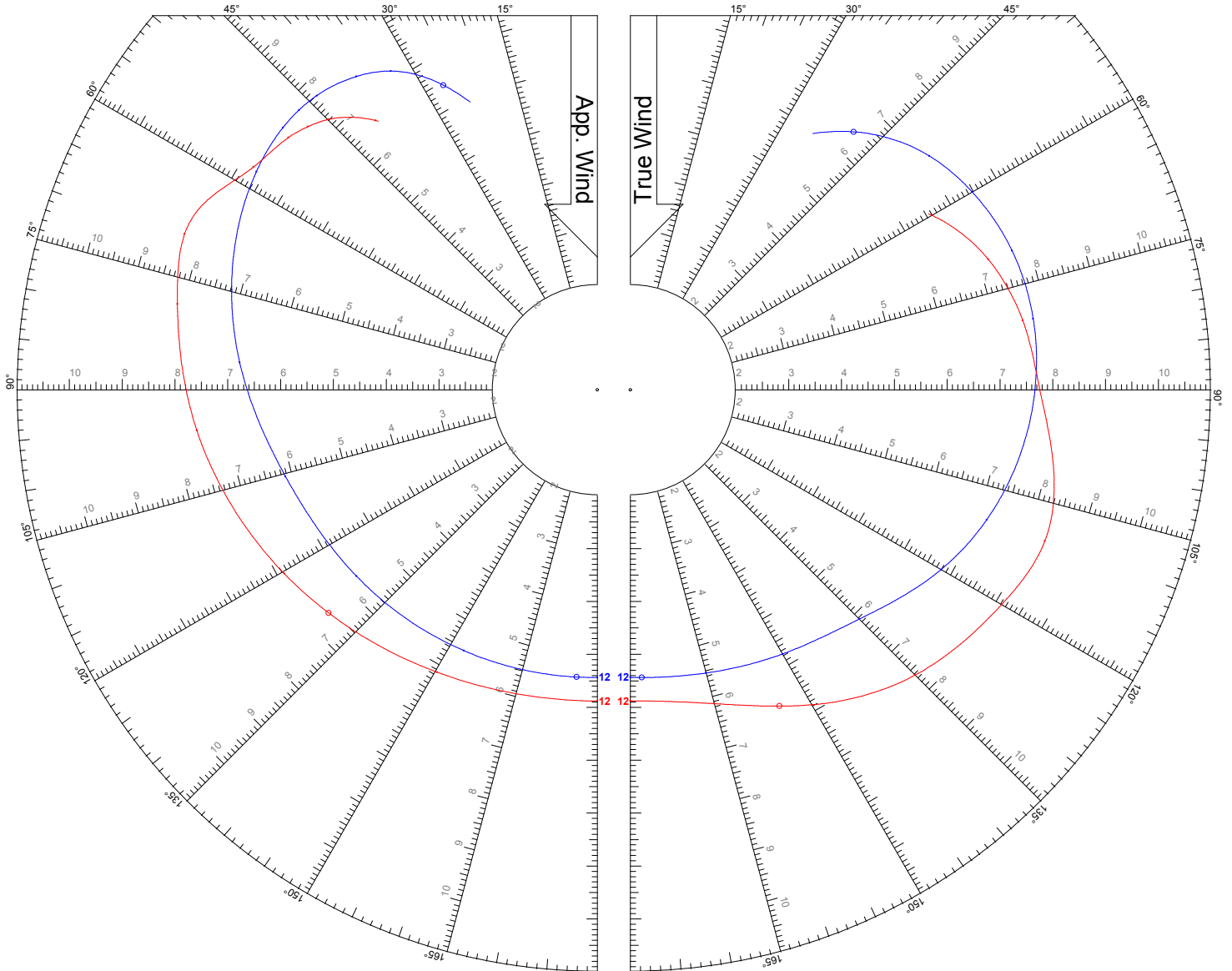
Asymmetric Spinnaker on Centerline



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Polar Plot for Boat

Name **J/105**
Sail Number **USA 1**
Class **J/105 One Design**
Designer **Rodney Johnstone**
Builder **J Boats, Inc.**
Issued On **5/25/2011 - VPP 2011 1.02**

TWS: 12 kts

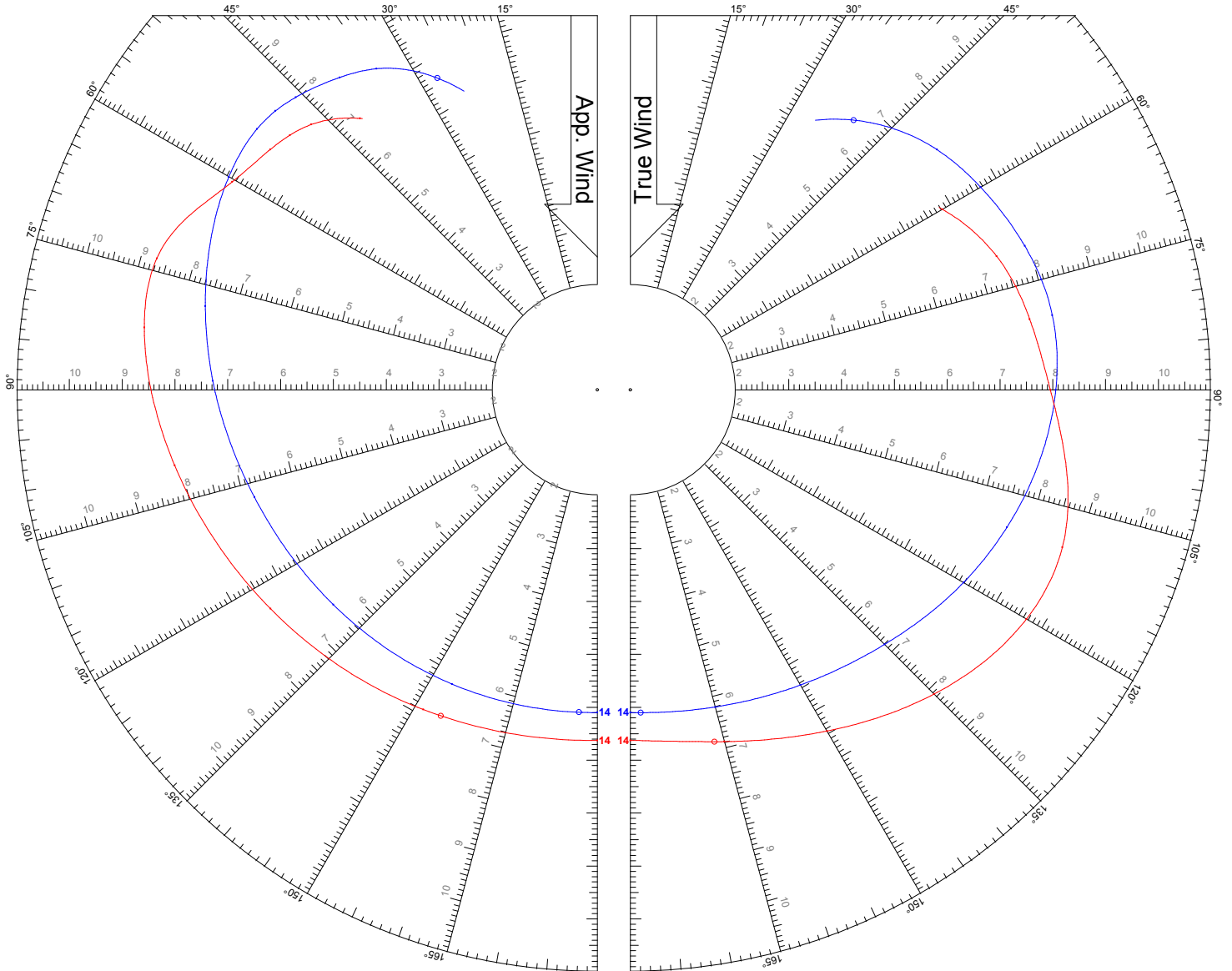
Jib

Asymmetric Spinnaker on Centerline



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Polar Plot for Boat

Name **J/105**
Sail Number **USA 1**
Class **J/105 One Design**
Designer **Rodney Johnstone**
Builder **J Boats, Inc.**
Issued On **5/25/2011 - VPP 2011 1.02**

TWS: 14 kts

Jib

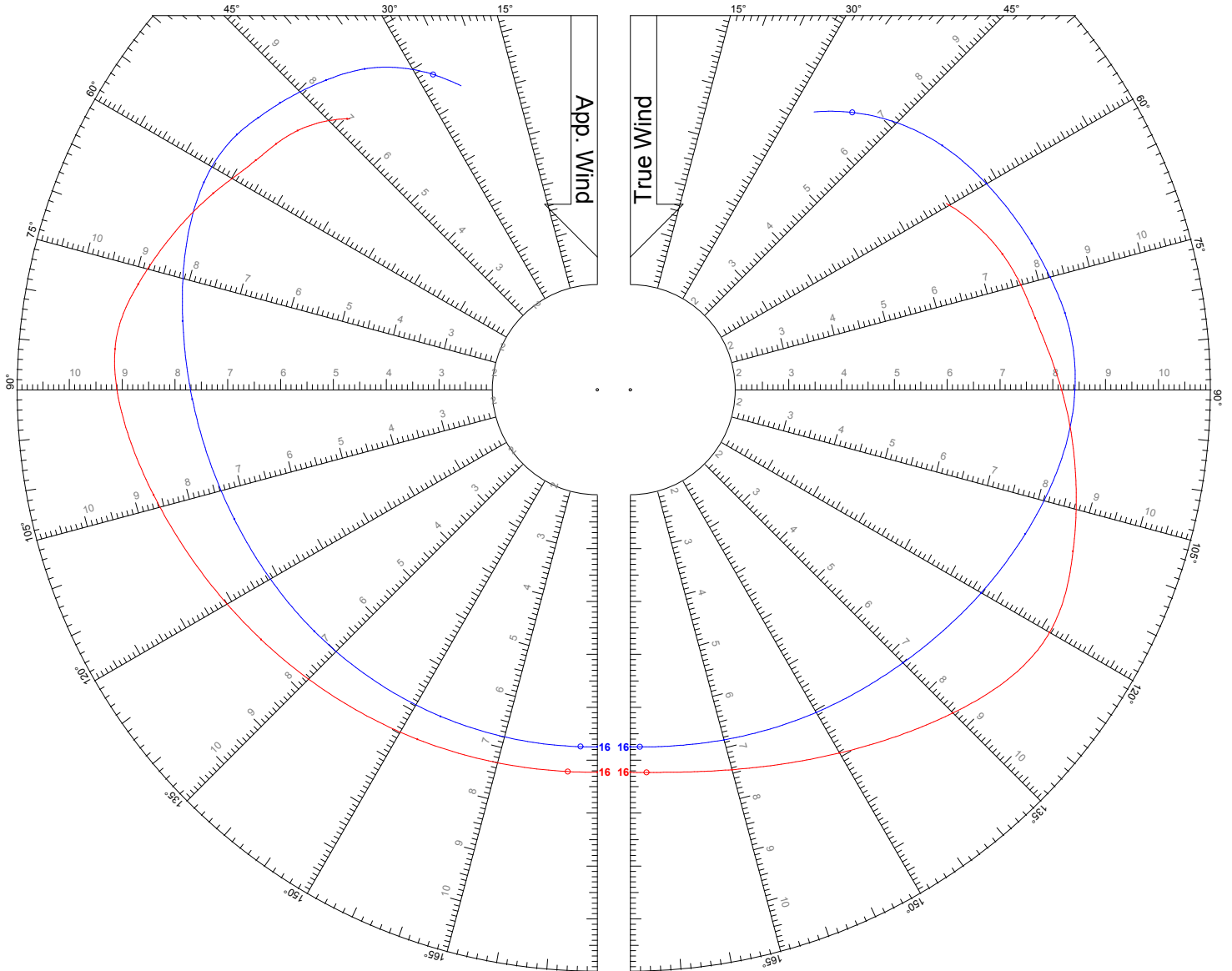
Asymmetric Spinnaker on Centerline



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Polar Plot for Boat

Name **J/105**
Sail Number **USA 1**
Class **J/105 One Design**
Designer **Rodney Johnstone**
Builder **J Boats, Inc.**
Issued On **5/25/2011 - VPP 2011 1.02**

TWS: 16 kts

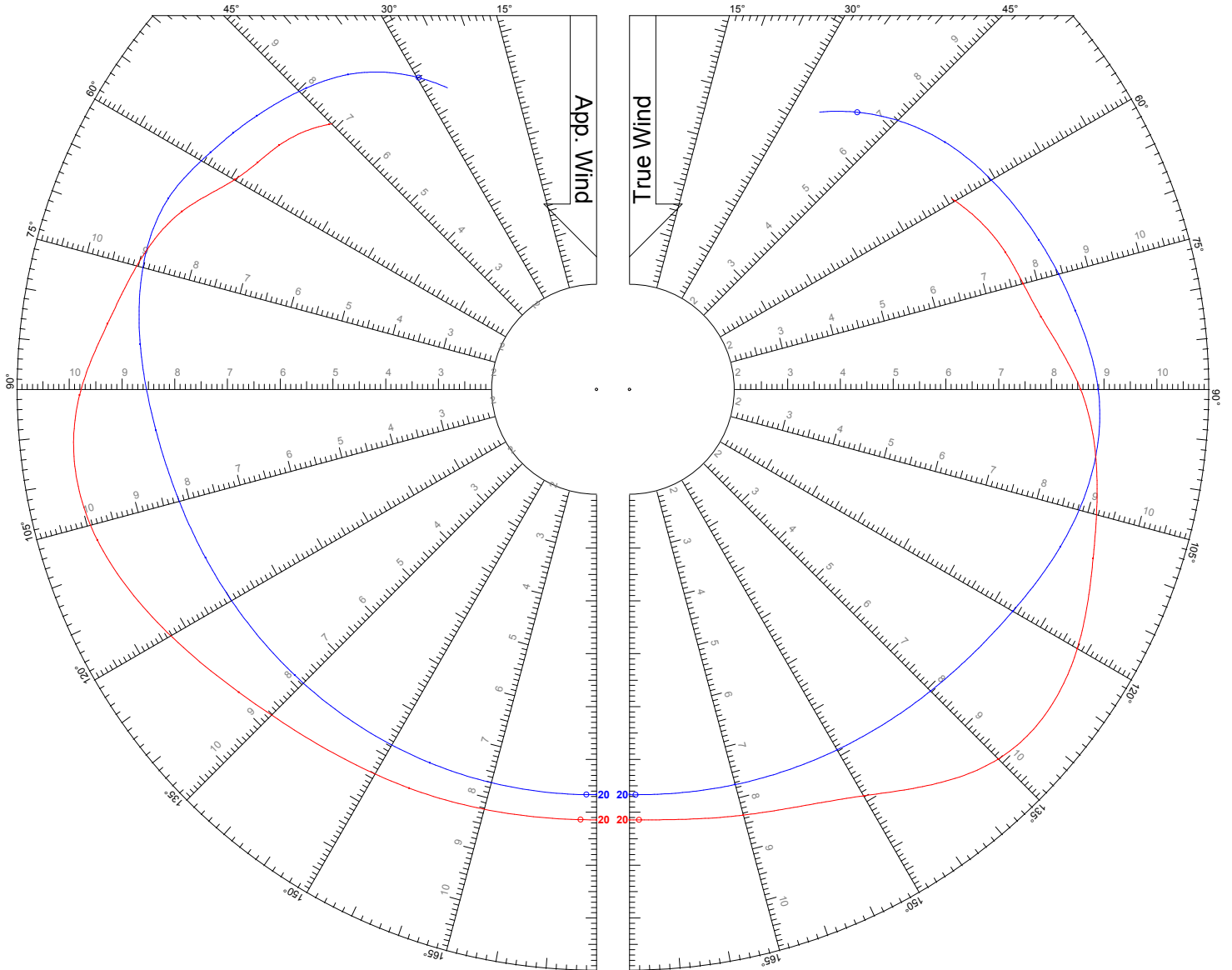
Jib

Asymmetric Spinnaker on Centerline



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Polar Plot for Boat

Name **J/105**
Sail Number **USA 1**
Class **J/105 One Design**
Designer **Rodney Johnstone**
Builder **J Boats, Inc.**
Issued On **5/25/2011 - VPP 2011 1.02**

TWS: 20 kts

Jib

Asymmetric Spinnaker on Centerline



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Polar Tables							
Boat Name: J/105							
Sail No: USA 1							
Sail: Best Performance							
Issued On: 5/25/2011 - VPP 2011 1.02							

TWS = 6 Kts							
TWA	BTV	VMG	AWS	AWA	Heel	Reef	Flat
44.6° (b)	4.58	3.26	9.80	25.4°	4.1°	1.00	1.00
52°	5.09	3.14	9.98	28.3°	4.2°	1.00	1.00
60°	5.42	2.71	9.90	31.7°	4.1°	1.00	1.00
70°	5.62	1.92	9.52	36.3°	3.8°	1.00	1.00
75°	5.65	1.46	9.25	38.8°	3.6°	1.00	1.00
80°	5.66	0.98	8.94	41.4°	14.3°	1.00	1.00
90°	5.92	0.00	8.43	45.4°	14.0°	1.00	1.00
110°	5.81	1.99	6.78	56.3°	12.3°	1.00	1.00
120°	5.67	2.84	5.84	62.8°	11.7°	1.00	1.00
135°	4.98	3.52	4.31	80.1°	10.3°	1.00	1.00
150°	3.96	3.43	3.24	112.4°	8.1°	1.00	1.00
165°	3.30	3.19	2.94	148.1°	7.5°	1.00	1.00
180°	3.10	3.10	2.90	180.0°	7.2°	1.00	1.00
140.5° (r)	4.59	3.54	3.81	90.6°	9.3°	1.00	1.00

TWS = 8 Kts							
TWA	BTV	VMG	AWS	AWA	Heel	Reef	Flat
41.7° (b)	5.44	4.06	12.59	25.0°	9.0°	1.00	1.00
52°	6.06	3.73	12.66	29.9°	9.1°	1.00	1.00
60°	6.38	3.19	12.48	33.7°	8.4°	1.00	1.00
70°	6.60	2.26	11.98	38.8°	6.7°	1.00	1.00
75°	6.64	1.72	11.64	41.6°	5.7°	1.00	1.00
80°	6.84	1.19	11.40	43.7°	18.0°	1.00	1.00
90°	7.04	0.00	10.66	48.7°	16.9°	1.00	1.00
110°	6.98	2.39	8.63	60.5°	15.0°	1.00	1.00
120°	6.87	3.44	7.50	67.5°	12.7°	1.00	1.00
135°	6.09	4.31	5.67	85.6°	11.1°	1.00	1.00
150°	5.14	4.45	4.38	114.1°	8.8°	1.00	1.00
165°	4.34	4.19	3.97	148.6°	7.7°	1.00	1.00
180°	4.10	4.10	3.90	180.0°	7.3°	1.00	1.00
144.8° (r)	5.52	4.52	4.72	102.4°	9.7°	1.00	1.00

TWS = 10 Kts							
TWA	BTV	VMG	AWS	AWA	Heel	Reef	Flat
40.6° (b)	6.00	4.55	15.07	25.6°	17.3°	1.00	1.00
52°	6.82	4.20	15.18	31.3°	17.4°	1.00	1.00
60°	7.10	3.55	14.88	35.6°	15.8°	1.00	1.00
70°	7.27	2.48	14.23	41.3°	12.7°	1.00	1.00
75°	7.29	1.89	13.82	44.3°	10.9°	1.00	1.00
80°	7.34	1.27	13.39	47.3°	26.6°	1.00	0.88
90°	7.56	0.00	12.53	52.9°	26.6°	1.00	0.98
110°	7.76	2.65	10.35	65.2°	16.6°	1.00	1.00
120°	7.58	3.79	9.04	73.4°	14.5°	1.00	1.00
135°	7.03	4.97	7.07	90.4°	11.7°	1.00	1.00
150°	6.06	5.24	5.64	117.5°	9.8°	1.00	1.00
165°	5.35	5.17	5.03	149.0°	8.1°	1.00	1.00
180°	5.07	5.07	4.93	180.0°	7.4°	1.00	1.00
145.2° (r)	6.40	5.26	5.99	107.6°	10.5°	1.00	1.00

TWS = 12 Kts							
TWA	BTV	VMG	AWS	AWA	Heel	Reef	Flat
40.9° (b)	6.45	4.87	17.40	26.9°	21.6°	1.00	0.88
52°	7.18	4.42	17.37	33.0°	24.6°	1.00	0.96
60°	7.48	3.74	17.02	37.6°	24.4°	1.00	1.00
70°	7.69	2.63	16.32	43.7°	19.7°	1.00	1.00
75°	7.74	2.00	15.87	46.9°	17.1°	1.00	1.00
80°	7.75	1.35	15.37	50.2°	14.4°	1.00	1.00
90°	7.76	0.00	14.29	57.1°	26.6°	0.92	0.95
110°	8.35	2.86	12.05	69.4°	21.3°	1.00	1.00
120°	8.12	4.06	10.61	78.5°	15.9°	1.00	1.00
135°	7.62	5.39	8.53	95.8°	12.2°	1.00	1.00
150°	6.87	5.95	6.96	120.4°	10.5°	1.00	1.00
165°	6.14	5.93	6.27	150.3°	8.5°	1.00	1.00
180°	5.88	5.88	6.12	180.0°	7.5°	1.00	1.00
154.7° (r)	6.61	5.98	6.65	129.6°	9.9°	1.00	1.00

TWS = 14 Kts							
TWA	BTV	VMG	AWS	AWA	Heel	Reef	Flat
39.7° (b)	6.62	5.10	19.56	27.2°	23.0°	1.00	0.75
52°	7.37	4.54	19.43	34.6°	25.7°	1.00	0.82
60°	7.66	3.83	19.02	39.6°	26.6°	1.00	0.88
70°	7.95	2.72	18.31	45.9°	27.2°	1.00	0.99
75°	8.06	2.09	17.87	49.2°	24.4°	1.00	1.00
80°	8.11	1.41	17.36	52.6°	20.7°	1.00	1.00
90°	8.06	0.00	16.15	60.1°	13.3°	1.00	1.00
110°	8.71	2.98	13.73	73.4°	26.7°	0.98	1.00
120°	8.66	4.33	12.24	82.2°	17.7°	1.00	1.00
135°	8.13	5.75	10.06	100.1°	12.9°	1.00	1.00
150°	7.45	6.45	8.42	123.8°	11.0°	1.00	1.00
165°	6.88	6.65	7.56	151.4°	9.0°	1.00	1.00
180°	6.62	6.62	7.38	180.0°	7.6°	1.00	1.00
166.5° (r)	6.84	6.65	7.52	154.3°	8.8°	1.00	1.00

TWS = 16 Kts							
TWA	BTV	VMG	AWS	AWA	Heel	Reef	Flat
38.7° (b)	6.72	5.24	21.65	27.5°	24.0°	1.00	0.65
52°	7.50	4.62	21.44	36.0°	26.8°	1.00	0.71
60°	7.79	3.89	21.01	41.3°	27.5°	1.00	0.77
70°	8.09	2.77	20.25	47.9°	28.1°	1.00	0.87
75°	8.23	2.13	19.80	51.3°	28.3°	1.00	0.93
80°	8.36	1.45	19.29	54.8°	28.0°	1.00	1.00
90°	8.42	0.00	18.08	62.2°	18.5°	1.00	1.00
110°	8.92	3.05	15.43	77.1°	26.7°	0.91	1.00
120°	9.17	4.58	13.91	85.2°	24.9°	1.00	1.00
135°	8.64	6.11	11.63	103.3°	14.4°	1.00	1.00
150°	7.92	6.86	9.96	126.6°	11.4°	1.00	1.00
165°	7.43	7.18	9.03	152.7°	9.7°	1.00	1.00
180°	7.23	7.23	8.77	180.0°	7.8°	1.00	1.00
177.6° (r)	7.24	7.23	8.78	175.5°	8.0°	1.00	1.00

TWS = 20 Kts							
TWA	BTV	VMG	AWS	AWA	Heel	Reef	Flat
39.5° (b)	6.79	5.24	25.61	29.8°	28.9°	0.68	0.60
52°	7.60	4.68	25.39	38.4°	29.9°	0.86	0.60
60°	7.93	3.96	24.93	44.0°	29.2°	1.00	0.60
70°	8.26	2.83	24.11	51.2°	29.6°	1.00	0.68
75°	8.43	2.18	23.63	54.8°	29.9°	1.00	0.74
80°	8.59	1.49	23.09	58.5°	30.0°	1.00	0.81
90°	8.89	0.00	21.89	66.0°	30.0°	1.00	0.97
110°	9.36	3.20	18.96	82.4°	26.7°	0.80	1.00
120°	9.81	4.90	17.32	90.6°	26.7°	0.90	1.00
135°	9.89	6.99	14.77	106.7°	16.6°	1.00	1.00
150°	8.88	7.69	13.09	130.2°	12.3°	1.00	1.00
165°	8.34	8.05	12.14	154.8°	10.7°	1.00	1.00
180°	8.14	8.14	11.86	180.0°	8.2°	1.00	1.00
178.7° (r)	8.14	8.14	11.86	177.9°	8.4°	1.00	1.00



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Polar Tables							
Boat Name: J/105							
Sail No: USA 1							
Sail: Jib							
Issued On: 5/25/2011 - VPP 2011 1.02							

TWS = 6 Kts							
TWA	BTV	VMG	AWS	AWA	Heel	Reef	Flat
44.6° (b)	4.58	3.26	9.52	24.8°	4.1°	1.00	1.00
52°	5.09	3.14	9.71	27.5°	4.2°	1.00	1.00
60°	5.42	2.71	9.64	30.8°	4.1°	1.00	1.00
70°	5.62	1.92	9.27	35.3°	3.8°	1.00	1.00
75°	5.65	1.46	9.01	37.7°	3.6°	1.00	1.00
80°	5.66	0.98	8.70	40.2°	3.3°	1.00	1.00
90°	5.57	0.00	7.98	45.7°	2.8°	1.00	1.00
110°	4.81	1.65	6.08	62.0°	1.6°	1.00	1.00
120°	4.20	2.10	5.13	74.7°	1.1°	1.00	1.00
135°	3.45	2.44	4.08	98.3°	0.6°	1.00	1.00
150°	3.07	2.66	3.42	123.3°	0.5°	1.00	1.00
165°	2.88	2.78	3.02	150.7°	0.3°	1.00	1.00
180°	2.80	2.80	2.91	180.0°	0.1°	1.00	1.00
175.3° (r)	2.81	2.81	2.92	170.7°	0.1°	1.00	1.00

TWS = 8 Kts							
TWA	BTV	VMG	AWS	AWA	Heel	Reef	Flat
41.7° (b)	5.44	4.06	12.18	24.2°	9.0°	1.00	1.00
52°	6.06	3.73	12.26	28.8°	9.1°	1.00	1.00
60°	6.38	3.19	12.09	32.6°	8.4°	1.00	1.00
70°	6.60	2.26	11.62	37.7°	6.7°	1.00	1.00
75°	6.64	1.72	11.30	40.4°	5.7°	1.00	1.00
80°	6.64	1.15	10.92	43.2°	5.0°	1.00	1.00
90°	6.53	0.00	10.02	49.3°	3.9°	1.00	1.00
110°	5.83	1.99	7.84	65.7°	2.2°	1.00	1.00
120°	5.34	2.67	6.77	76.9°	1.6°	1.00	1.00
135°	4.48	3.16	5.46	99.6°	1.0°	1.00	1.00
150°	4.06	3.52	4.57	123.7°	0.7°	1.00	1.00
165°	3.84	3.71	4.03	150.7°	0.5°	1.00	1.00
180°	3.75	3.75	3.87	180.0°	0.1°	1.00	1.00
176.3° (r)	3.76	3.75	3.87	172.7°	0.2°	1.00	1.00

TWS = 10 Kts							
TWA	BTV	VMG	AWS	AWA	Heel	Reef	Flat
40.6° (b)	6.00	4.55	14.42	24.0°	17.3°	1.00	1.00
52°	6.82	4.20	14.50	29.3°	17.4°	1.00	1.00
60°	7.10	3.55	14.22	33.7°	15.8°	1.00	1.00
70°	7.27	2.48	13.64	39.6°	12.7°	1.00	1.00
75°	7.29	1.89	13.27	42.7°	10.9°	1.00	1.00
80°	7.30	1.27	12.86	45.9°	9.1°	1.00	1.00
90°	7.21	0.00	11.91	52.7°	5.5°	1.00	1.00
110°	6.61	2.26	9.54	69.4°	2.8°	1.00	1.00
120°	6.09	3.04	8.34	80.8°	2.1°	1.00	1.00
135°	5.43	3.84	6.85	100.9°	1.4°	1.00	1.00
150°	4.98	4.32	5.77	124.4°	1.1°	1.00	1.00
165°	4.72	4.56	5.11	151.2°	0.7°	1.00	1.00
180°	4.61	4.61	4.91	180.0°	0.2°	1.00	1.00
176.7° (r)	4.62	4.61	4.92	173.5°	0.3°	1.00	1.00

TWS = 12 Kts							
TWA	BTV	VMG	AWS	AWA	Heel	Reef	Flat
40.9° (b)	6.45	4.87	16.49	24.7°	21.6°	1.00	0.88
52°	7.18	4.42	16.26	29.8°	24.6°	1.00	0.96
60°	7.48	3.74	15.84	34.1°	24.4°	1.00	1.00
70°	7.69	2.63	15.30	40.9°	19.7°	1.00	1.00
75°	7.74	2.00	14.95	44.5°	17.1°	1.00	1.00
80°	7.75	1.35	14.56	48.1°	14.4°	1.00	1.00
90°	7.66	0.00	13.62	55.8°	9.0°	1.00	1.00
110°	7.18	2.46	11.20	73.0°	3.5°	1.00	1.00
120°	6.80	3.40	9.94	83.7°	2.6°	1.00	1.00
135°	6.13	4.33	8.30	103.6°	1.9°	1.00	1.00
150°	5.76	4.99	7.05	125.9°	1.4°	1.00	1.00
165°	5.54	5.35	6.24	151.7°	0.9°	1.00	1.00
180°	5.44	5.44	5.99	180.0°	0.3°	1.00	1.00
177.7° (r)	5.44	5.44	5.99	175.7°	0.4°	1.00	1.00

TWS = 14 Kts							
TWA	BTV	VMG	AWS	AWA	Heel	Reef	Flat
39.7° (b)	6.62	5.10	18.45	24.8°	23.0°	1.00	0.75
52°	7.37	4.54	18.04	31.1°	25.7°	1.00	0.82
60°	7.66	3.83	17.47	35.5°	26.6°	1.00	0.88
70°	7.95	2.72	16.56	41.4°	27.2°	1.00	0.99
75°	8.06	2.09	16.27	45.2°	24.4°	1.00	1.00
80°	8.11	1.41	16.00	49.4°	20.7°	1.00	1.00
90°	8.06	0.00	15.22	58.0°	13.3°	1.00	1.00
110°	7.59	2.60	12.85	76.3°	4.3°	1.00	1.00
120°	7.29	3.64	11.54	86.9°	3.2°	1.00	1.00
135°	6.81	4.81	9.77	105.5°	2.4°	1.00	1.00
150°	6.44	5.58	8.39	127.4°	1.8°	1.00	1.00
165°	6.21	5.99	7.51	152.7°	1.2°	1.00	1.00
180°	6.10	6.10	7.23	180.0°	0.4°	1.00	1.00
178.2° (r)	6.10	6.10	7.23	176.6°	0.5°	1.00	1.00

TWS = 16 Kts							
TWA	BTV	VMG	AWS	AWA	Heel	Reef	Flat
38.7° (b)	6.72	5.24	20.34	25.0°	24.0°	1.00	0.65
52°	7.50	4.62	19.76	32.2°	26.8°	1.00	0.71
60°	7.79	3.89	19.11	37.0°	27.5°	1.00	0.77
70°	8.09	2.77	18.10	43.2°	28.1°	1.00	0.87
75°	8.23	2.13	17.54	46.4°	28.3°	1.00	0.93
80°	8.36	1.45	17.00	49.9°	28.0°	1.00	1.00
90°	8.42	0.00	16.62	59.6°	18.5°	1.00	1.00
110°	7.96	2.72	14.50	79.0°	5.6°	1.00	1.00
120°	7.67	3.84	13.15	89.7°	4.0°	1.00	1.00
135°	7.30	5.16	11.30	107.9°	3.0°	1.00	1.00
150°	7.04	6.10	9.78	128.9°	2.3°	1.00	1.00
165°	6.85	6.61	8.80	153.4°	1.5°	1.00	1.00
180°	6.75	6.75	8.48	180.0°	0.5°	1.00	1.00
178.5° (r)	6.75	6.75	8.48	177.2°	0.6°	1.00	1.00

TWS = 20 Kts							
TWA	BTV	VMG	AWS	AWA	Heel	Reef	Flat
39.5° (b)	6.79	5.24	22.82	25.8°	28.9°	0.68	0.60
52°	7.60	4.68	22.60	33.5°	29.9°	0.86	0.60
60°	7.93	3.96	22.29	39.3°	29.2°	1.00	0.60
70°	8.26	2.83	21.12	46.1°	29.6°	1.00	0.68
75°	8.43	2.18	20.48	49.7°	29.9°	1.00	0.74
80°	8.59	1.49	19.81	53.4°	30.0°	1.00	0.81
90°	8.89	0.00	18.42	61.1°	30.0°	1.00	0.97
110°	8.70	2.97	17.55	82.8°	12.4°	1.00	1.00
120°	8.39	4.20	16.37	93.9°	7.5°	1.00	1.00
135°	8.07	5.71	14.45	111.9°	4.6°	1.00	1.00
150°	7.87	6.82	12.82	132.2°	3.4°	1.00	1.00
165°	7.74	7.48	11.73	155.2°	2.2°	1.00	1.00
180°	7.67	7.67	11.37	180.0°	0.8°	1.00	1.00
179.1° (r)	7.67	7.67	11.37	178.5°	0.9°	1.00	1.00



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Polar Tables							
Boat Name: J/105							
Sail No: USA 1							
Sail: Asymmetric Spinnaker on CL							
Issued On: 5/25/2011 - VPP 2011 1.02							

TWS = 6 Kts							
TWA	BTV	VMG	AWS	AWA	Heel	Reef	Flat
60°	4.21	2.10	8.66	34.7°	12.4°	1.00	1.00
70°	5.10	1.74	8.87	36.9°	13.2°	1.00	1.00
75°	5.42	1.40	8.83	38.3°	13.7°	1.00	1.00
80°	5.66	0.98	8.69	39.8°	14.3°	1.00	1.00
90°	5.92	0.00	8.19	43.7°	14.0°	1.00	1.00
110°	5.81	1.99	6.58	54.5°	12.3°	1.00	1.00
120°	5.67	2.84	5.66	60.9°	11.7°	1.00	1.00
135°	4.98	3.52	4.15	78.1°	10.3°	1.00	1.00
150°	3.96	3.43	3.10	110.8°	8.1°	1.00	1.00
165°	3.30	3.19	2.78	147.4°	7.5°	1.00	1.00
180°	3.10	3.10	2.75	180.0°	7.2°	1.00	1.00
140.5° (r)	4.59	3.54	3.67	88.7°	9.3°	1.00	1.00

TWS = 8 Kts							
TWA	BTV	VMG	AWS	AWA	Heel	Reef	Flat
60°	5.43	2.72	11.34	34.8°	15.7°	1.00	1.00
70°	6.30	2.15	11.34	37.9°	17.0°	1.00	1.00
75°	6.62	1.71	11.19	39.6°	17.7°	1.00	1.00
80°	6.84	1.19	10.94	41.5°	18.0°	1.00	1.00
90°	7.04	0.00	10.23	46.5°	16.9°	1.00	1.00
110°	6.98	2.39	8.27	58.5°	15.0°	1.00	1.00
120°	6.87	3.44	7.21	65.6°	12.7°	1.00	1.00
135°	6.09	4.31	5.43	83.8°	11.1°	1.00	1.00
150°	5.14	4.45	4.17	112.7°	8.8°	1.00	1.00
165°	4.34	4.19	3.76	147.9°	7.7°	1.00	1.00
180°	4.10	4.10	3.69	180.0°	7.3°	1.00	1.00
144.8° (r)	5.52	4.52	4.50	100.8°	9.7°	1.00	1.00

TWS = 10 Kts							
TWA	BTV	VMG	AWS	AWA	Heel	Reef	Flat
60°	6.24	3.12	13.43	34.6°	23.7°	1.00	1.00
70°	6.95	2.38	13.05	38.3°	26.3°	1.00	0.87
75°	7.17	1.86	12.73	40.7°	26.5°	1.00	0.86
80°	7.34	1.27	12.35	43.2°	26.6°	1.00	0.88
90°	7.56	0.00	11.43	48.6°	26.6°	1.00	0.98
110°	7.76	2.65	9.79	63.0°	16.6°	1.00	1.00
120°	7.58	3.79	8.58	71.5°	14.5°	1.00	1.00
135°	7.03	4.97	6.74	88.7°	11.7°	1.00	1.00
150°	6.06	5.24	5.35	116.3°	9.8°	1.00	1.00
165°	5.35	5.17	4.77	148.4°	8.1°	1.00	1.00
180°	5.07	5.07	4.67	180.0°	7.4°	1.00	1.00
145.2° (r)	6.40	5.26	5.69	106.2°	10.5°	1.00	1.00

TWS = 12 Kts							
TWA	BTV	VMG	AWS	AWA	Heel	Reef	Flat
60°	6.60	3.30	15.21	35.9°	26.1°	0.96	0.81
70°	7.21	2.47	14.68	40.8°	26.6°	0.93	0.78
75°	7.40	1.92	14.27	43.5°	26.6°	0.92	0.84
80°	7.55	1.31	13.83	46.5°	26.6°	0.92	0.86
90°	7.76	0.00	12.79	52.7°	26.6°	0.92	0.95
110°	8.35	2.86	11.05	66.6°	21.3°	1.00	1.00
120°	8.12	4.06	9.96	76.7°	15.9°	1.00	1.00
135°	7.62	5.39	8.08	94.4°	12.2°	1.00	1.00
150°	6.87	5.95	6.59	119.4°	10.5°	1.00	1.00
165°	6.14	5.93	5.95	149.8°	8.5°	1.00	1.00
180°	5.88	5.88	5.81	180.0°	7.5°	1.00	1.00
154.7° (r)	6.61	5.98	6.30	128.8°	9.9°	1.00	1.00

TWS = 14 Kts							
TWA	BTV	VMG	AWS	AWA	Heel	Reef	Flat
60°	6.82	3.41	16.87	37.3°	26.3°	0.86	0.81
70°	7.38	2.52	16.22	42.9°	26.6°	0.85	0.80
75°	7.55	1.96	15.77	46.0°	26.6°	0.84	0.85
80°	7.68	1.33	15.27	49.3°	26.7°	0.85	0.86
90°	7.95	0.00	14.18	55.9°	26.6°	0.84	0.95
110°	8.71	2.98	11.97	69.8°	26.7°	0.98	1.00
120°	8.66	4.33	11.35	80.4°	17.7°	1.00	1.00
135°	8.13	5.75	9.49	99.0°	12.9°	1.00	1.00
150°	7.45	6.45	7.97	123.0°	11.0°	1.00	1.00
165°	6.88	6.65	7.19	151.0°	9.0°	1.00	1.00
180°	6.62	6.62	7.01	180.0°	7.6°	1.00	1.00
166.5° (r)	6.84	6.65	7.15	153.9°	8.8°	1.00	1.00

TWS = 16 Kts							
TWA	BTV	VMG	AWS	AWA	Heel	Reef	Flat
60°	6.98	3.49	18.51	38.7°	26.5°	0.80	0.77
70°	7.50	2.56	17.74	44.8°	26.6°	0.78	0.82
75°	7.66	1.98	17.24	48.1°	26.6°	0.77	0.87
80°	7.79	1.35	16.68	51.6°	26.6°	0.76	0.92
90°	8.17	0.00	15.61	58.5°	26.6°	0.78	0.95
110°	8.92	3.05	13.27	73.6°	26.7°	0.91	1.00
120°	9.17	4.58	12.18	83.0°	24.9°	1.00	1.00
135°	8.64	6.11	10.89	102.4°	14.4°	1.00	1.00
150°	7.92	6.86	9.43	126.1°	11.4°	1.00	1.00
165°	7.43	7.18	8.59	152.4°	9.7°	1.00	1.00
180°	7.23	7.23	8.36	180.0°	7.8°	1.00	1.00
177.6° (r)	7.24	7.23	8.36	175.5°	8.0°	1.00	1.00

TWS = 20 Kts							
TWA	BTV	VMG	AWS	AWA	Heel	Reef	Flat
60°	7.13	3.56	21.75	41.1°	26.7°	0.74	0.64
70°	7.59	2.59	20.84	48.1°	26.8°	0.74	0.65
75°	7.73	2.00	20.27	51.9°	26.9°	0.74	0.66
80°	7.93	1.38	19.71	55.6°	26.8°	0.74	0.67
90°	8.56	0.00	18.61	62.6°	26.7°	0.74	0.79
110°	9.36	3.20	15.95	79.3°	26.7°	0.80	1.00
120°	9.81	4.90	14.65	88.7°	26.7°	0.90	1.00
135°	9.89	6.99	13.68	106.2°	16.6°	1.00	1.00
150°	8.88	7.69	12.39	130.0°	12.3°	1.00	1.00
165°	8.34	8.05	11.57	154.7°	10.7°	1.00	1.00
180°	8.14	8.14	11.34	180.0°	8.2°	1.00	1.00
178.7° (r)	8.14	8.14	11.34	177.8°	8.4°	1.00	1.00