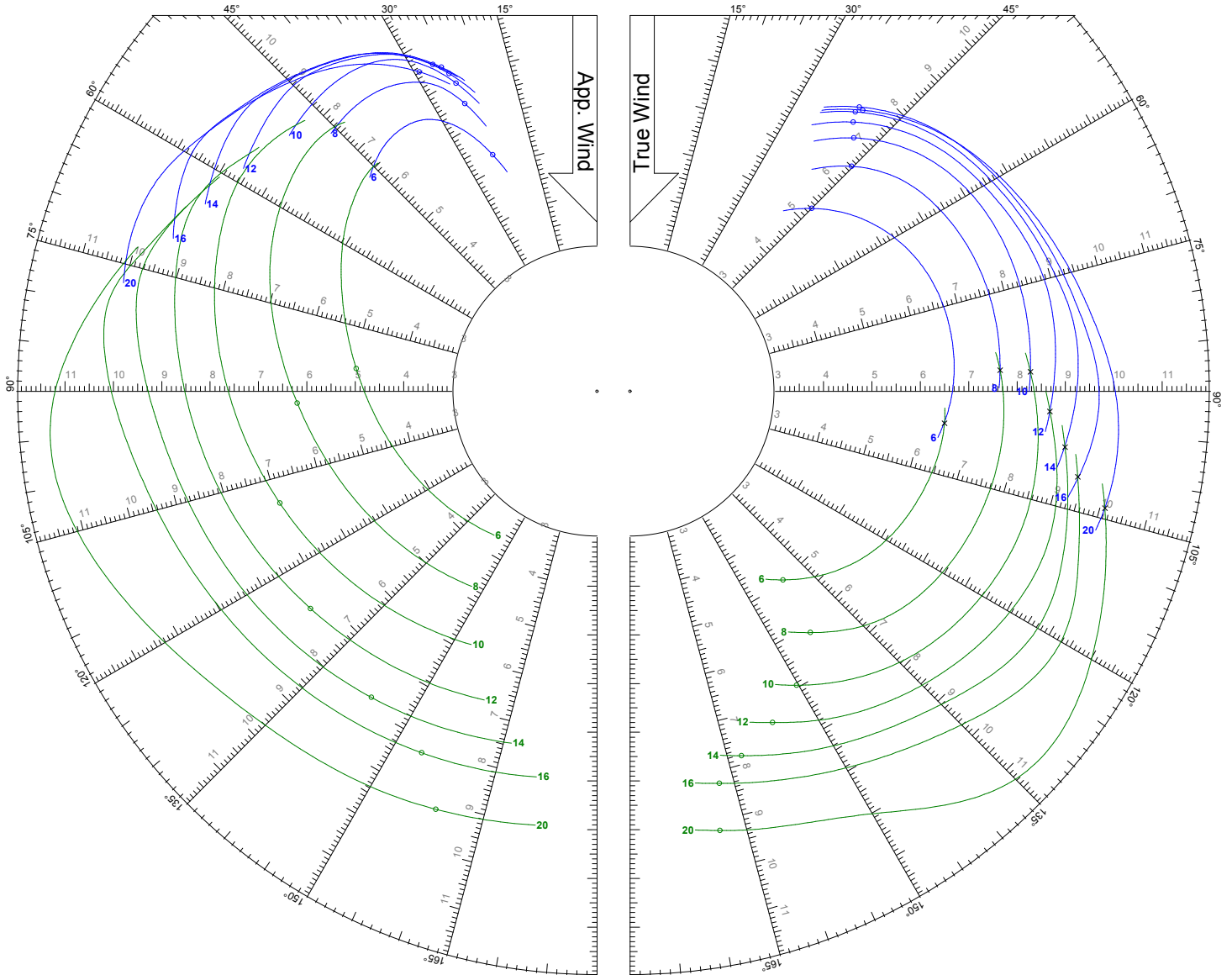




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Speed Guide



Polar Plot for Boat	
Name	A410
Sail Number	SWE 1
Class	Arcona
Designer	S Qviberg
Builder	Arcona
Issued On	06/02/2014 - VPP 2011 1.02

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

Jib

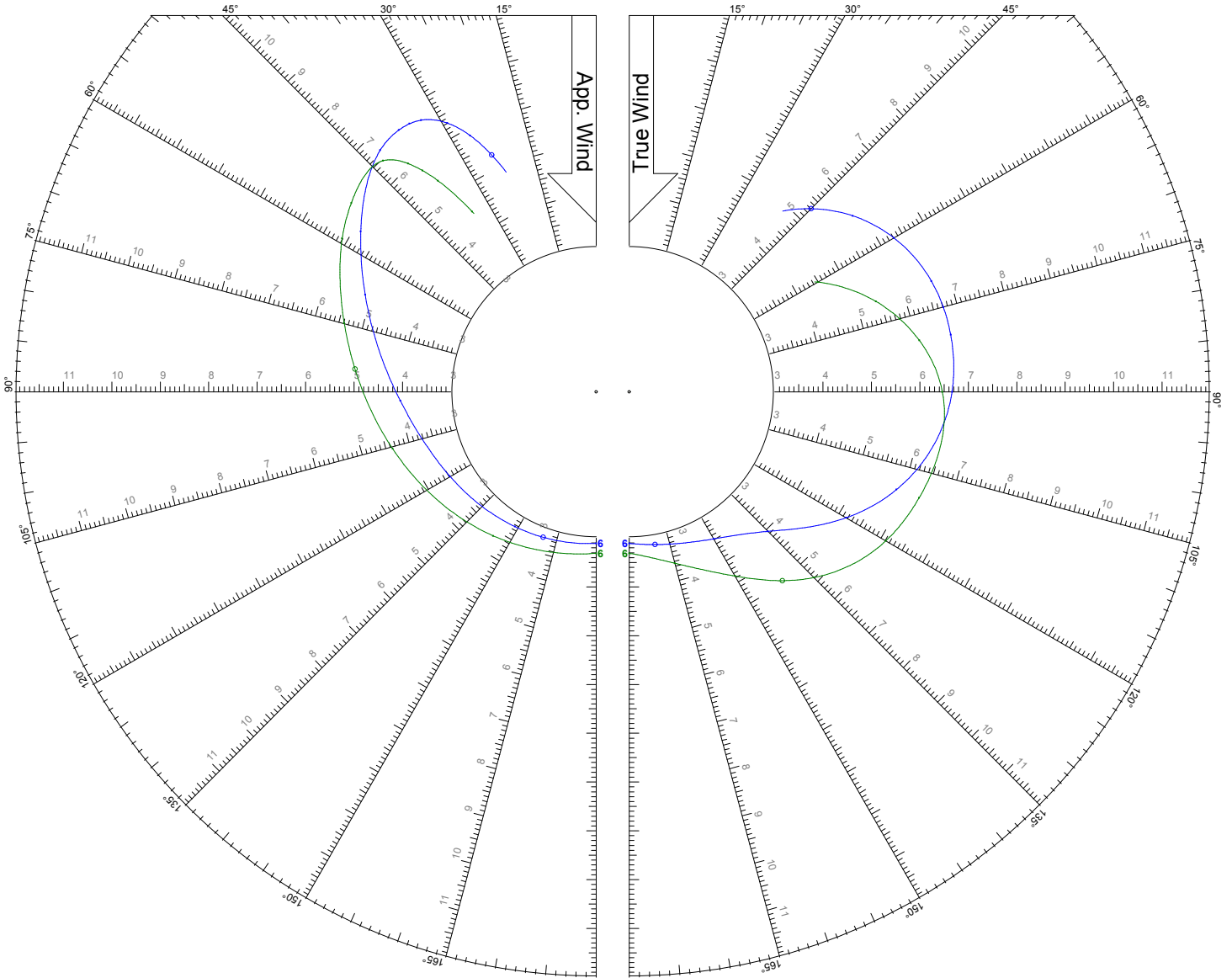
Symmetric Spinnaker



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Polar Plot for Boat

Name **A410**
Sail Number **SWE 1**
Class **Arcona**
Designer **S Qviberg**
Builder **Arcona**
Issued On **06/02/2014 - VPP 2011 1.02**

TWS: 6 kts

Jib

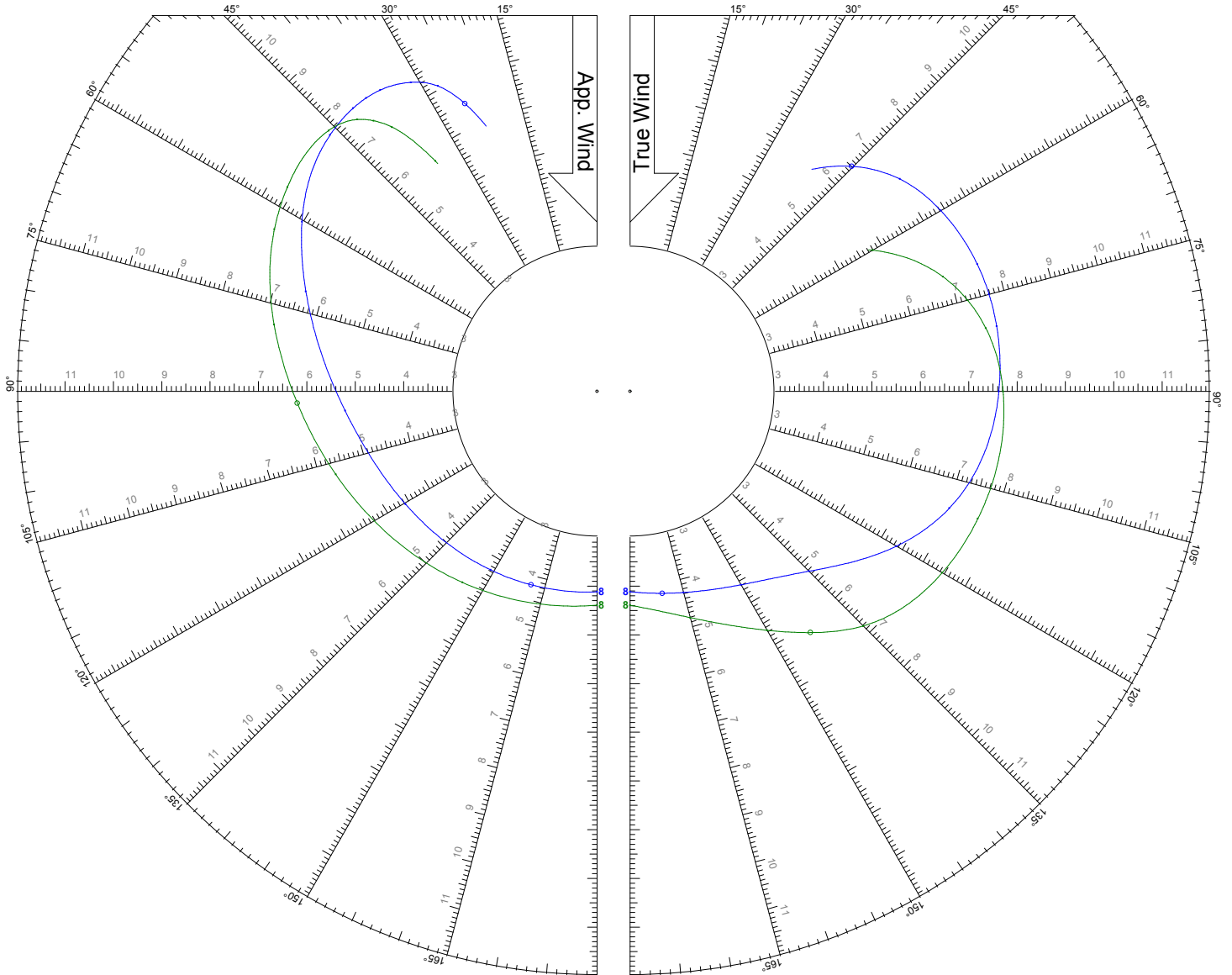
Symmetric Spinnaker



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Polar Plot for Boat	
Name	A410
Sail Number	SWE 1
Class	Arcona
Designer	S Qviberg
Builder	Arcona
Issued On	06/02/2014 - VPP 2011 1.02

TWS: 8 kts

Jib

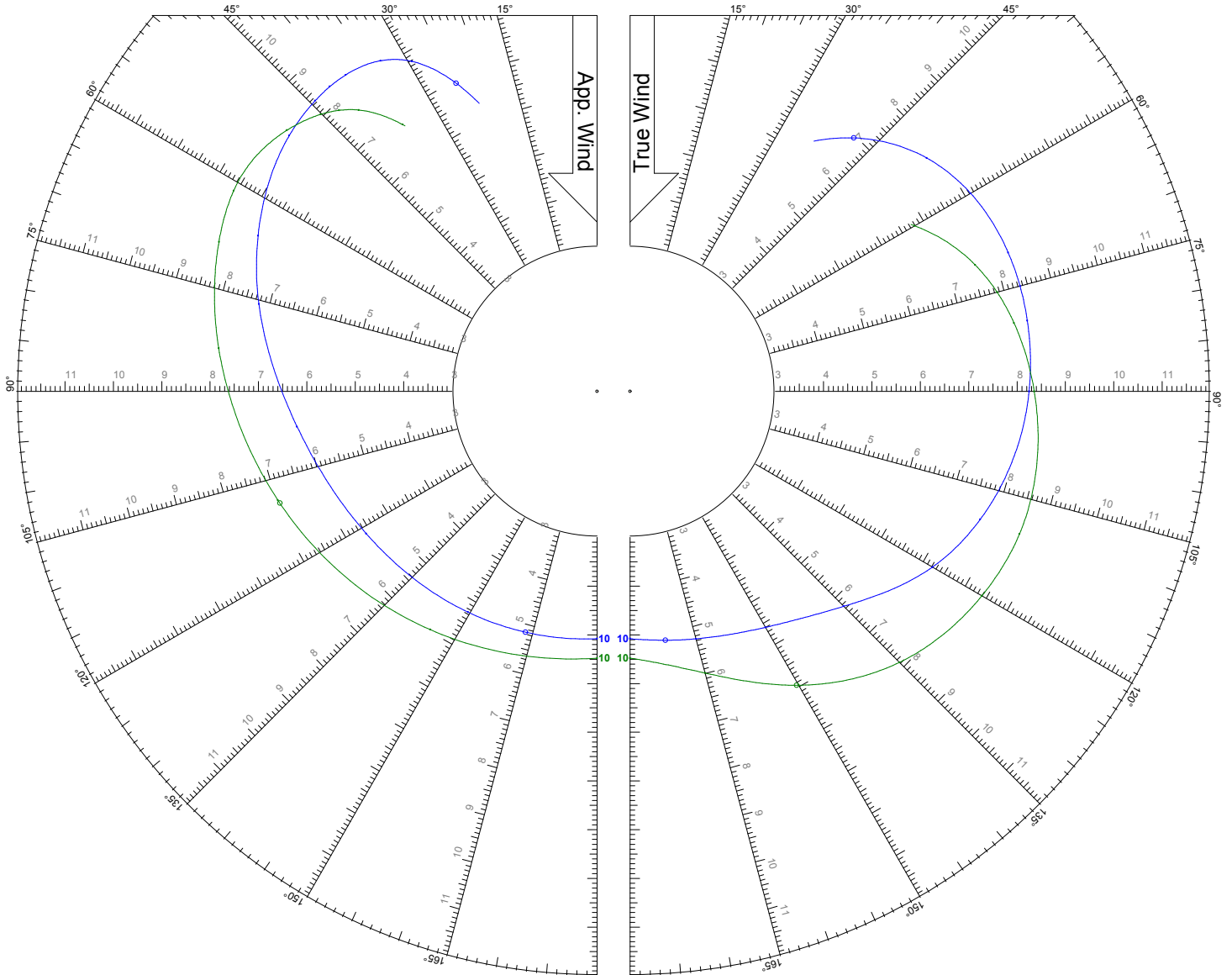
Symmetric Spinnaker



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Polar Plot for Boat	
Name	A410
Sail Number	SWE 1
Class	Arcona
Designer	S Qviberg
Builder	Arcona
Issued On	06/02/2014 - VPP 2011 1.02

TWS: 10 kts

Jib

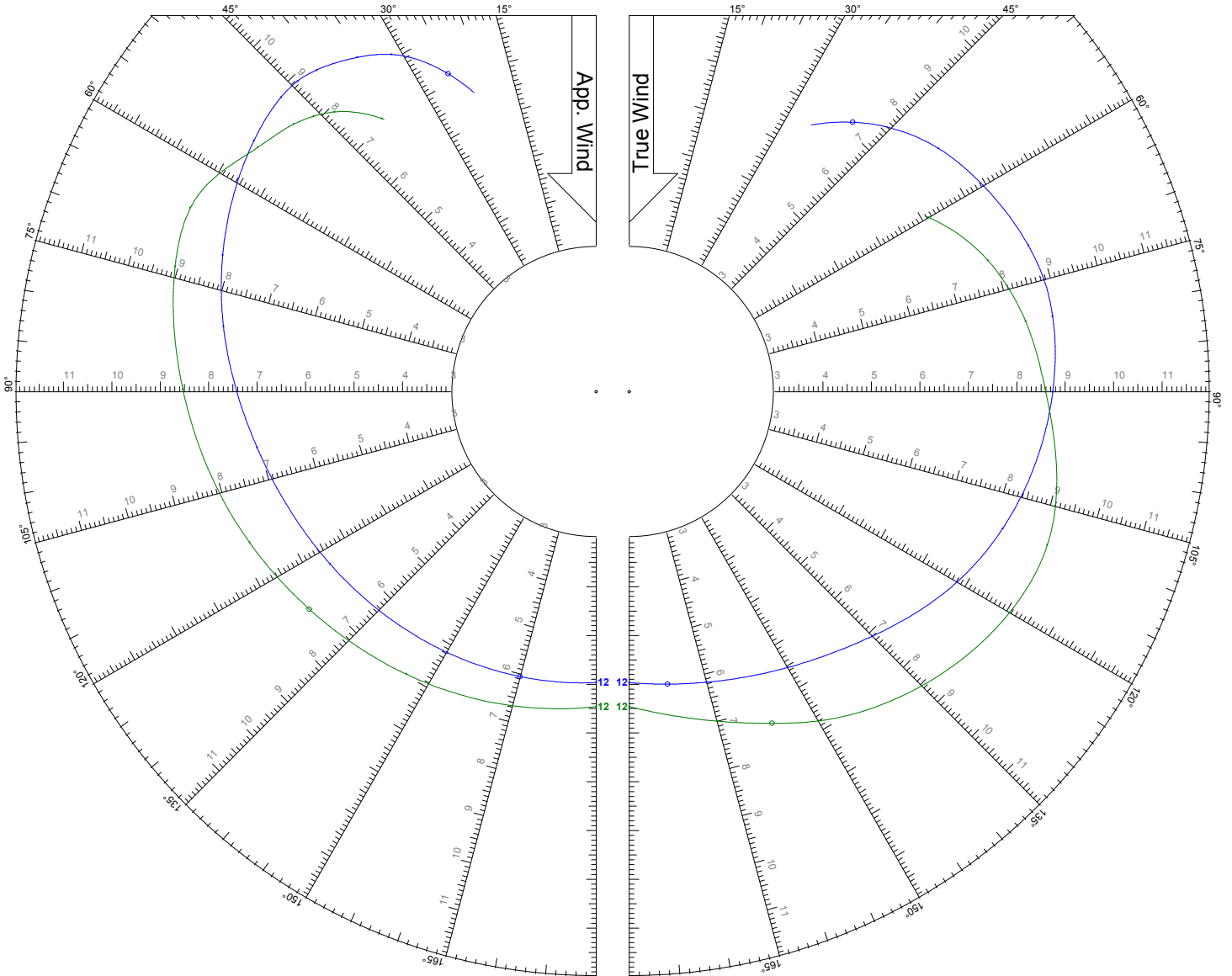
Symmetric Spinnaker



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Polar Plot for Boat	
Name	A410
Sail Number	SWE 1
Class	Arcona
Designer	S Qviberg
Builder	Arcona
Issued On	06/02/2014 - VPP 2011 1.02

TWS: 12 kts

Jib

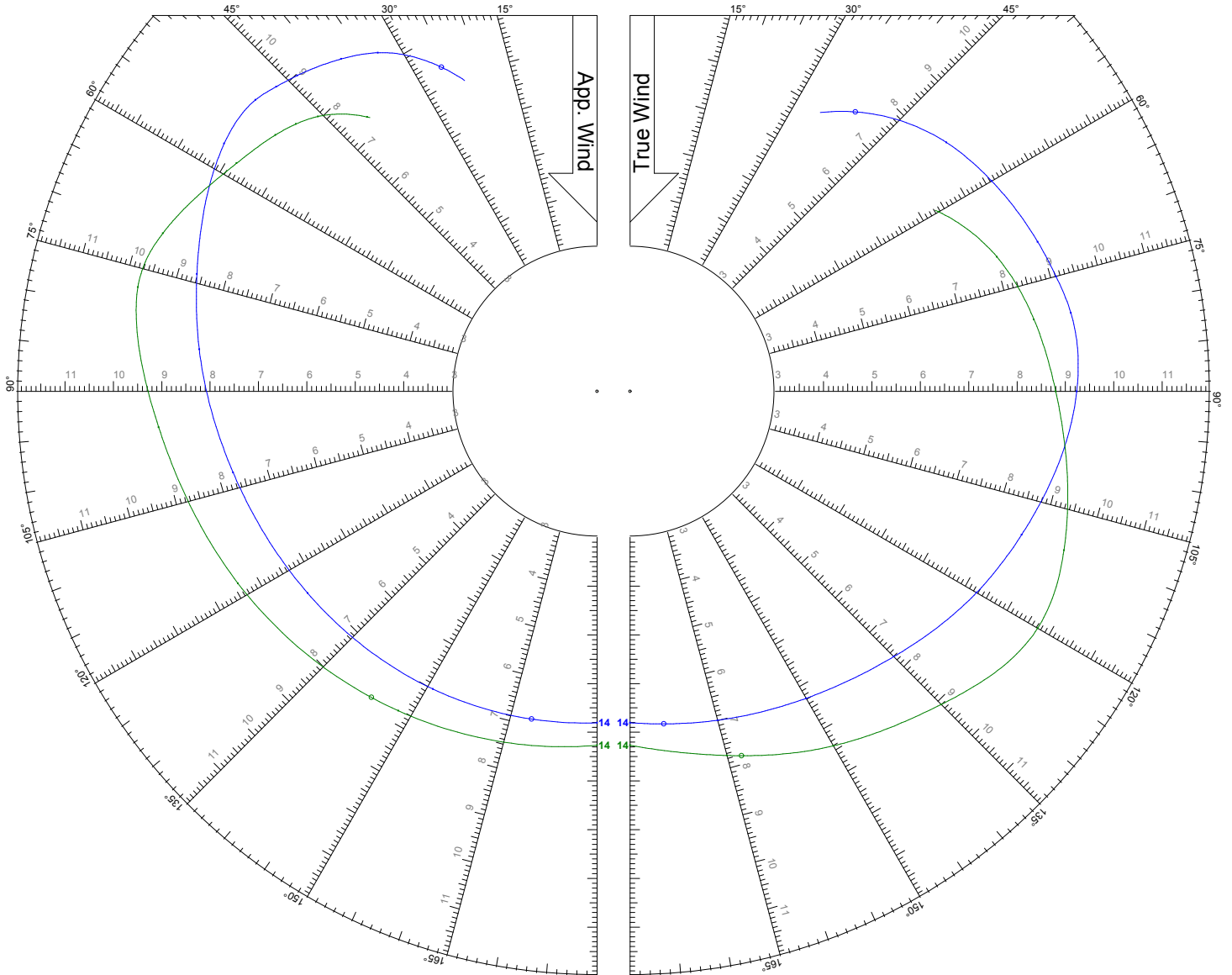
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Polar Plot for Boat	
Name	A410
Sail Number	SWE 1
Class	Arcona
Designer	S Qviberg
Builder	Arcona
Issued On	06/02/2014 - VPP 2011 1.02

TWS: 14 kts

Jib

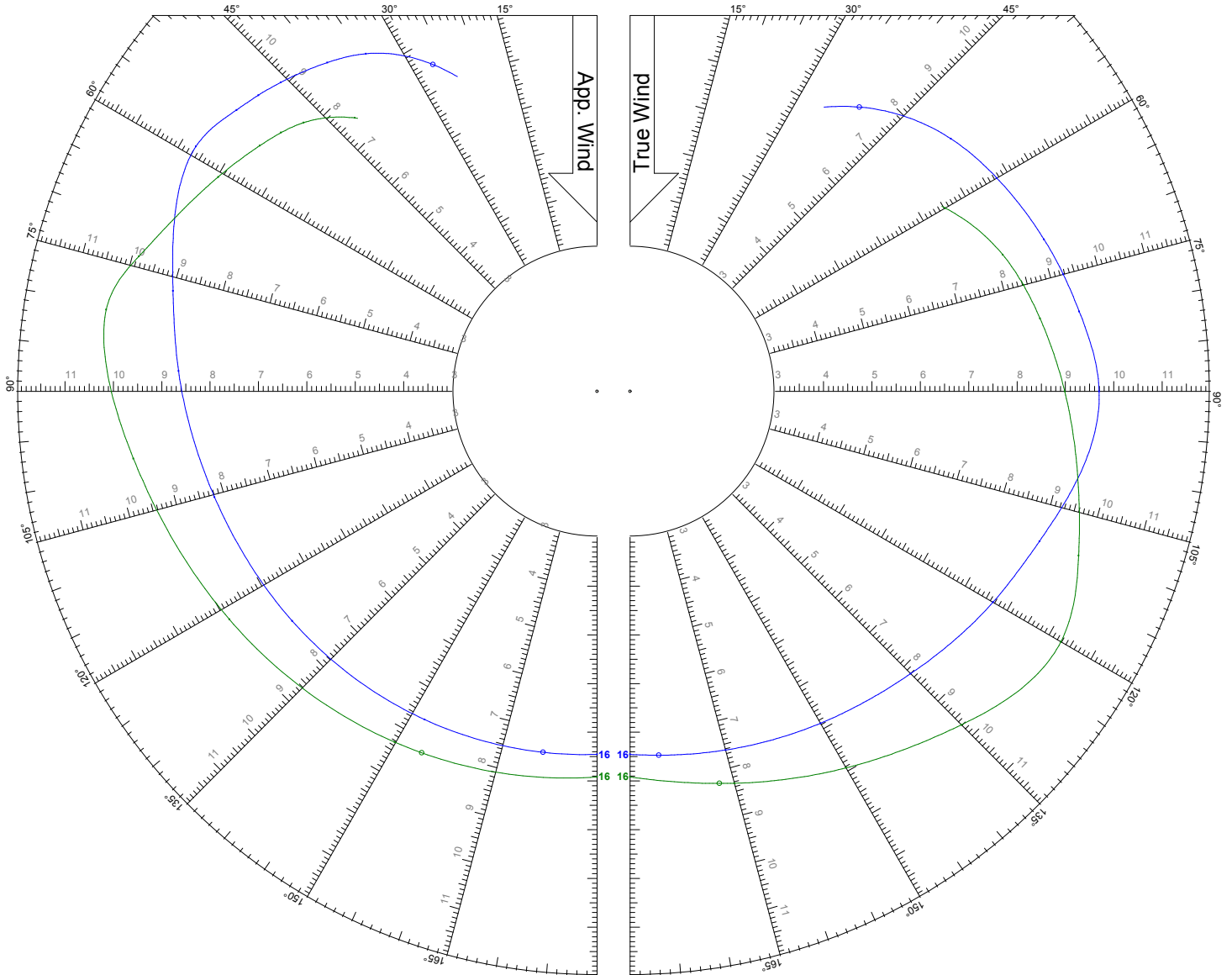
Symmetric Spinnaker



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Polar Plot for Boat	
Name	A410
Sail Number	SWE 1
Class	Arcona
Designer	S Qviberg
Builder	Arcona
Issued On	06/02/2014 - VPP 2011 1.02

TWS: 16 kts

Jib

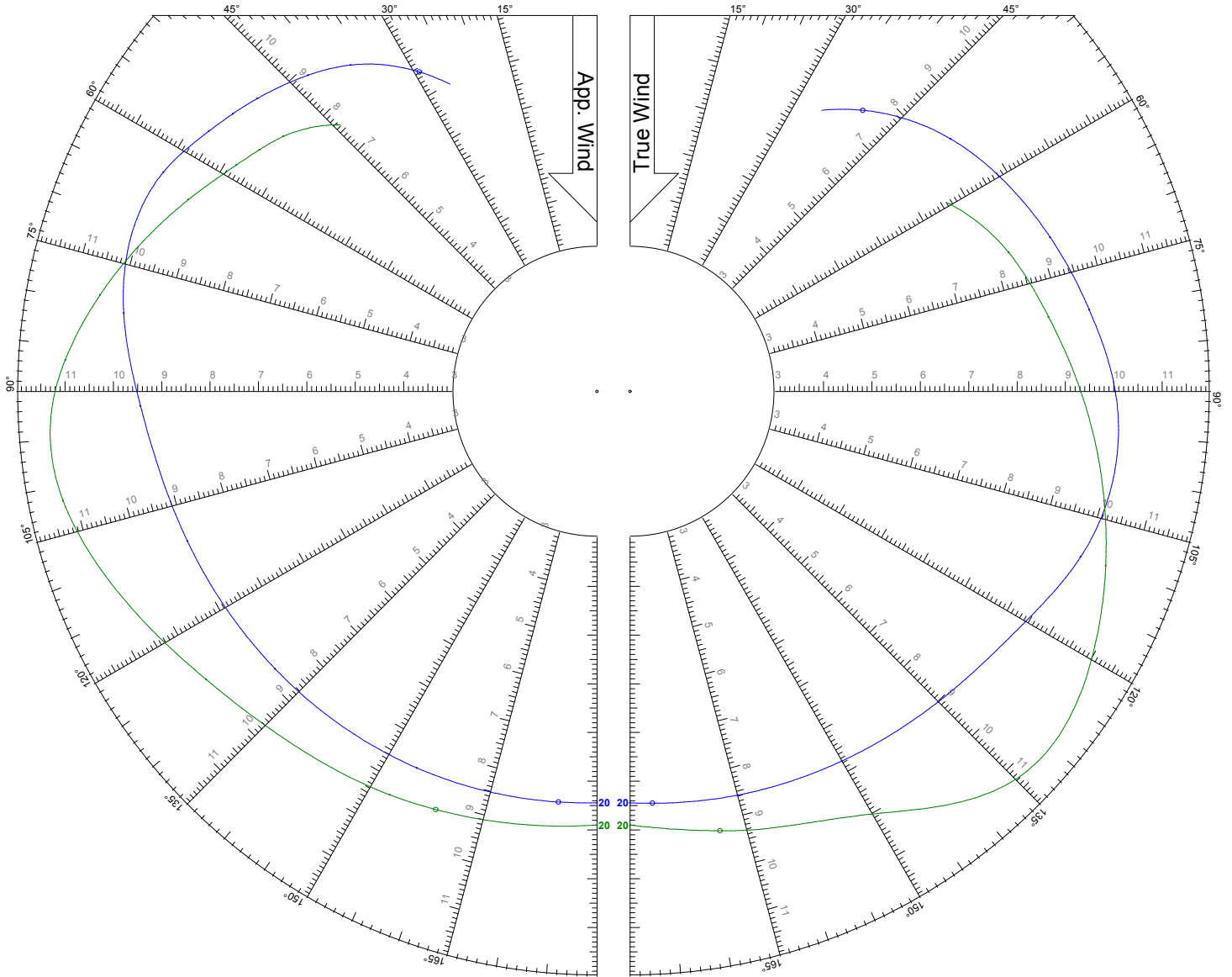
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Polar Plot for Boat	
Name	A410
Sail Number	SWE 1
Class	Arcona
Designer	S Qviberg
Builder	Arcona
Issued On	06/02/2014 - VPP 2011 1.02

TWS: 20 kts

Jib

Symmetric Spinnaker



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Polar Tables

Boat Name: **A410**
 Sail No: **SWE 1**
 Sail: **Best Performance**
 Issued On: **06/02/2014 - VPP 2011 1.02**

TWS = 6 Kts

TWA	BTV	VMG	AWS	AWA	Heel	Reef	Flat
45.0° (b)	5.31	3.75	10.45	24.0°	4.6°	1.00	1.00
52°	5.86	3.61	10.66	26.3°	4.8°	1.00	1.00
60°	6.31	3.15	10.66	29.2°	4.7°	1.00	1.00
70°	6.64	2.27	10.36	33.0°	4.4°	1.00	1.00
75°	6.71	1.74	10.09	35.0°	4.1°	1.00	1.00
80°	6.74	1.17	9.77	37.2°	3.9°	1.00	1.00
90°	6.66	0.00	8.97	42.0°	3.3°	1.00	1.00
110°	6.37	2.18	7.10	52.6°	12.2°	1.00	1.00
120°	6.11	3.06	6.06	59.1°	11.6°	1.00	1.00
135°	5.39	3.81	4.39	74.9°	9.9°	1.00	1.00
150°	4.36	3.78	3.11	105.5°	7.7°	1.00	1.00
165°	3.64	3.51	2.66	144.2°	7.1°	1.00	1.00
180°	3.31	3.31	2.69	180.0°	6.8°	1.00	1.00
140.7° (r)	5.00	3.87	3.81	84.7°	8.8°	1.00	1.00

TWS = 8 Kts

TWA	BTV	VMG	AWS	AWA	Heel	Reef	Flat
44.8° (b)	6.50	4.62	13.42	24.8°	11.3°	1.00	1.00
52°	7.08	4.36	13.56	27.7°	11.6°	1.00	1.00
60°	7.42	3.71	13.35	31.3°	10.8°	1.00	1.00
70°	7.64	2.61	12.81	35.9°	8.8°	1.00	1.00
75°	7.68	1.99	12.44	38.4°	7.6°	1.00	1.00
80°	7.69	1.34	12.02	40.9°	6.3°	1.00	1.00
90°	7.71	0.00	11.11	46.1°	16.8°	1.00	1.00
110°	7.65	2.62	8.98	56.8°	14.9°	1.00	1.00
120°	7.45	3.73	7.74	63.5°	12.7°	1.00	1.00
135°	6.81	4.82	5.77	78.4°	11.0°	1.00	1.00
150°	5.67	4.91	4.19	107.5°	8.6°	1.00	1.00
165°	4.81	4.65	3.58	144.6°	7.3°	1.00	1.00
180°	4.39	4.39	3.61	180.0°	6.9°	1.00	1.00
143.0° (r)	6.20	4.95	4.81	92.3°	9.8°	1.00	1.00

TWS = 10 Kts

TWA	BTV	VMG	AWS	AWA	Heel	Reef	Flat
41.7° (b)	6.96	5.20	15.89	24.7°	18.2°	1.00	0.93
52°	7.78	4.79	16.01	29.5°	21.9°	1.00	1.00
60°	8.13	4.06	15.73	33.4°	19.8°	1.00	1.00
70°	8.32	2.84	15.04	38.7°	15.8°	1.00	1.00
75°	8.34	2.16	14.59	41.5°	13.6°	1.00	1.00
80°	8.34	1.45	14.09	44.3°	11.4°	1.00	1.00
90°	8.36	0.00	13.03	50.1°	26.6°	1.00	0.91
110°	8.57	2.93	10.71	61.3°	17.2°	1.00	1.00
120°	8.40	4.20	9.30	68.6°	15.0°	1.00	1.00
135°	7.87	5.57	7.12	83.5°	11.7°	1.00	1.00
150°	6.97	6.03	5.28	108.7°	9.7°	1.00	1.00
165°	5.99	5.78	4.49	144.8°	7.7°	1.00	1.00
180°	5.48	5.48	4.52	180.0°	7.0°	1.00	1.00
150.3° (r)	6.95	6.04	5.25	109.3°	9.6°	1.00	1.00

TWS = 12 Kts

TWA	BTV	VMG	AWS	AWA	Heel	Reef	Flat
39.9° (b)	7.20	5.53	18.12	25.1°	20.1°	1.00	0.78
52°	8.10	4.99	18.15	31.4°	23.7°	1.00	0.84
60°	8.44	4.22	17.79	35.7°	25.0°	1.00	0.90
70°	8.77	3.00	17.11	41.2°	26.1°	1.00	0.99
75°	8.86	2.29	16.66	44.1°	22.2°	1.00	1.00
80°	8.88	1.54	16.12	47.2°	18.2°	1.00	1.00
90°	8.74	0.00	14.85	53.9°	11.4°	1.00	1.00
110°	9.19	3.14	12.37	65.7°	26.6°	0.99	1.00
120°	9.06	4.53	10.83	73.6°	16.3°	1.00	1.00
135°	8.53	6.03	8.49	89.7°	12.4°	1.00	1.00
150°	7.80	6.75	6.54	113.4°	10.5°	1.00	1.00
165°	7.00	6.76	5.55	145.9°	8.1°	1.00	1.00
180°	6.46	6.46	5.54	180.0°	7.1°	1.00	1.00
156.6° (r)	7.41	6.80	5.98	127.0°	9.3°	1.00	1.00

TWS = 14 Kts

TWA	BTV	VMG	AWS	AWA	Heel	Reef	Flat
39.1° (b)	7.39	5.73	20.28	25.8°	21.5°	1.00	0.66
52°	8.30	5.11	20.20	33.1°	24.8°	1.00	0.71
60°	8.63	4.32	19.78	37.8°	25.9°	1.00	0.77
70°	8.97	3.07	19.03	43.7°	26.9°	1.00	0.85
75°	9.12	2.36	18.58	46.7°	27.2°	1.00	0.91
80°	9.25	1.61	18.07	49.7°	27.5°	1.00	0.98
90°	9.23	0.00	16.77	56.6°	16.8°	1.00	1.00
110°	9.54	3.26	13.99	70.1°	26.7°	0.93	1.00
120°	9.73	4.86	12.43	77.3°	20.0°	1.00	1.00
135°	9.09	6.43	9.93	94.7°	13.3°	1.00	1.00
150°	8.41	7.28	7.93	118.0°	11.0°	1.00	1.00
165°	7.74	7.48	6.82	147.9°	8.7°	1.00	1.00
180°	7.27	7.27	6.73	180.0°	7.2°	1.00	1.00
162.9° (r)	7.83	7.48	6.91	143.4°	9.0°	1.00	1.00

TWS = 16 Kts

TWA	BTV	VMG	AWS	AWA	Heel	Reef	Flat
39.1° (b)	7.52	5.83	22.34	26.9°	24.3°	0.94	0.60
52°	8.42	5.18	22.20	34.6°	25.5°	1.00	0.61
60°	8.75	4.38	21.74	39.6°	26.6°	1.00	0.66
70°	9.11	3.12	20.94	45.9°	27.5°	1.00	0.74
75°	9.27	2.40	20.46	49.0°	27.8°	1.00	0.80
80°	9.43	1.64	19.93	52.2°	28.0°	1.00	0.86
90°	9.70	0.00	18.71	58.8°	25.1°	1.00	1.00
110°	9.87	3.38	15.66	73.7°	26.7°	0.87	1.00
120°	10.28	5.14	14.04	80.6°	26.7°	0.97	1.00
135°	9.68	6.85	11.43	98.2°	15.1°	1.00	1.00
150°	8.93	7.73	9.40	121.6°	11.5°	1.00	1.00
165°	8.33	8.05	8.24	149.8°	9.4°	1.00	1.00
180°	7.92	7.92	8.08	180.0°	7.4°	1.00	1.00
167.1° (r)	8.26	8.05	8.16	154.0°	9.0°	1.00	1.00

TWS = 20 Kts

TWA	BTV	VMG	AWS	AWA	Heel	Reef	Flat
39.8° (b)	7.51	5.77	26.22	29.3°	23.4°	0.47	0.60
52°	8.41	5.18	26.04	37.2°	26.1°	0.49	0.60
60°	8.82	4.41	25.58	42.6°	28.1°	0.64	0.60
70°	9.24	3.16	24.74	49.4°	28.4°	0.89	0.60
75°	9.44	2.44	24.23	52.9°	28.6°	1.00	0.62
80°	9.64	1.67	23.66	56.4°	28.8°	1.00	0.67
90°	10.03	0.00	22.37	63.4°	29.2°	1.00	0.82
110°	10.46	3.58	19.14	79.1°	26.7°	0.77	1.00
120°	11.01	5.51	17.35	86.7°	26.7°	0.86	1.00
135°	11.26	7.96	14.43	101.5°	17.9°	1.00	1.00
150°	10.01	8.67	12.38	126.2°	12.5°	1.00	1.00
165°	9.32	9.00	11.26	152.6°	10.6°	1.00	1.00
180°	8.90	8.90	11.10	180.0°	7.8°	1.00	1.00
168.4° (r)	9.21	9.02	11.14	158.8°	10.1°	1.00	1.00



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Polar Tables

Boat Name: **A410**
 Sail No: **SWE 1**
 Sail: **Jib**
 Issued On: **06/02/2014 - VPP 2011 1.02**

TWS = 6 Kts

TWA	BTV	VMG	AWS	AWA	Heel	Reef	Flat
45.0° (b)	5.31	3.75	10.36	23.7°	4.6°	1.00	1.00
52°	5.86	3.61	10.57	26.0°	4.8°	1.00	1.00
60°	6.31	3.15	10.58	28.8°	4.7°	1.00	1.00
70°	6.64	2.27	10.28	32.6°	4.4°	1.00	1.00
75°	6.71	1.74	10.02	34.6°	4.1°	1.00	1.00
80°	6.74	1.17	9.70	36.8°	3.9°	1.00	1.00
90°	6.66	0.00	8.90	41.5°	3.3°	1.00	1.00
110°	5.87	2.01	6.75	55.3°	1.9°	1.00	1.00
120°	5.17	2.58	5.58	66.6°	1.3°	1.00	1.00
135°	4.05	2.86	4.18	91.8°	0.6°	1.00	1.00
150°	3.48	3.02	3.38	119.0°	0.4°	1.00	1.00
165°	3.23	3.12	2.91	148.3°	0.2°	1.00	1.00
180°	3.11	3.11	2.81	180.0°	0.1°	1.00	1.00
170.4° (r)	3.18	3.13	2.83	159.5°	0.2°	1.00	1.00

TWS = 8 Kts

TWA	BTV	VMG	AWS	AWA	Heel	Reef	Flat
44.8° (b)	6.50	4.62	13.25	24.2°	11.3°	1.00	1.00
52°	7.08	4.36	13.37	27.0°	11.6°	1.00	1.00
60°	7.42	3.71	13.17	30.5°	10.8°	1.00	1.00
70°	7.64	2.61	12.65	35.3°	8.8°	1.00	1.00
75°	7.68	1.99	12.30	37.8°	7.6°	1.00	1.00
80°	7.69	1.34	11.90	40.4°	6.3°	1.00	1.00
90°	7.62	0.00	10.95	45.9°	4.6°	1.00	1.00
110°	7.02	2.40	8.57	59.7°	2.6°	1.00	1.00
120°	6.36	3.18	7.24	70.5°	1.8°	1.00	1.00
135°	5.22	3.69	5.59	93.6°	1.0°	1.00	1.00
150°	4.59	3.97	4.54	119.6°	0.7°	1.00	1.00
165°	4.28	4.13	3.91	148.6°	0.4°	1.00	1.00
180°	4.12	4.12	3.77	180.0°	0.1°	1.00	1.00
170.9° (r)	4.20	4.15	3.80	160.8°	0.3°	1.00	1.00

TWS = 10 Kts

TWA	BTV	VMG	AWS	AWA	Heel	Reef	Flat
41.7° (b)	6.96	5.20	15.55	23.4°	18.2°	1.00	0.93
52°	7.78	4.79	15.52	27.4°	21.9°	1.00	1.00
60°	8.13	4.06	15.25	31.4°	19.8°	1.00	1.00
70°	8.32	2.84	14.65	37.2°	15.8°	1.00	1.00
75°	8.34	2.16	14.26	40.2°	13.6°	1.00	1.00
80°	8.34	1.45	13.82	43.4°	11.4°	1.00	1.00
90°	8.25	0.00	12.78	49.8°	7.3°	1.00	1.00
110°	7.70	2.63	10.21	64.9°	3.2°	1.00	1.00
120°	7.22	3.61	8.83	75.0°	2.3°	1.00	1.00
135°	6.24	4.41	7.01	95.9°	1.4°	1.00	1.00
150°	5.60	4.85	5.74	120.8°	1.0°	1.00	1.00
165°	5.26	5.08	4.96	149.1°	0.6°	1.00	1.00
180°	5.08	5.08	4.78	180.0°	0.1°	1.00	1.00
171.9° (r)	5.16	5.11	4.80	163.1°	0.4°	1.00	1.00

TWS = 12 Kts

TWA	BTV	VMG	AWS	AWA	Heel	Reef	Flat
39.9° (b)	7.20	5.53	17.66	23.5°	20.1°	1.00	0.78
52°	8.10	4.99	17.46	28.9°	23.7°	1.00	0.84
60°	8.44	4.22	16.95	32.7°	25.0°	1.00	0.90
70°	8.77	3.00	16.10	37.6°	26.1°	1.00	0.99
75°	8.86	2.29	15.84	41.3°	22.2°	1.00	1.00
80°	8.88	1.54	15.48	45.2°	18.2°	1.00	1.00
90°	8.74	0.00	14.49	52.9°	11.4°	1.00	1.00
110°	8.20	2.81	11.84	69.4°	3.9°	1.00	1.00
120°	7.81	3.91	10.40	79.5°	2.8°	1.00	1.00
135°	7.09	5.02	8.45	98.6°	1.9°	1.00	1.00
150°	6.53	5.66	6.98	122.1°	1.4°	1.00	1.00
165°	6.17	5.96	6.08	149.8°	0.9°	1.00	1.00
180°	5.97	5.97	5.86	180.0°	0.2°	1.00	1.00
172.5° (r)	6.05	6.00	5.88	164.7°	0.6°	1.00	1.00

TWS = 14 Kts

TWA	BTV	VMG	AWS	AWA	Heel	Reef	Flat
39.1° (b)	7.39	5.73	19.69	24.0°	21.5°	1.00	0.66
52°	8.30	5.11	19.31	30.3°	24.8°	1.00	0.71
60°	8.63	4.32	18.71	34.4°	25.9°	1.00	0.77
70°	8.97	3.07	17.74	39.9°	26.9°	1.00	0.85
75°	9.12	2.36	17.18	42.7°	27.2°	1.00	0.91
80°	9.25	1.61	16.59	45.6°	27.5°	1.00	0.98
90°	9.23	0.00	16.04	54.9°	16.8°	1.00	1.00
110°	8.61	2.95	13.49	73.2°	4.8°	1.00	1.00
120°	8.27	4.13	12.00	83.4°	3.4°	1.00	1.00
135°	7.71	5.45	9.96	101.9°	2.4°	1.00	1.00
150°	7.28	6.30	8.33	124.1°	1.8°	1.00	1.00
165°	6.99	6.75	7.27	150.6°	1.1°	1.00	1.00
180°	6.80	6.80	6.99	180.0°	0.3°	1.00	1.00
174.2° (r)	6.86	6.83	7.01	168.5°	0.7°	1.00	1.00

TWS = 16 Kts

TWA	BTV	VMG	AWS	AWA	Heel	Reef	Flat
39.1° (b)	7.52	5.83	21.41	24.5°	24.3°	0.94	0.60
52°	8.42	5.18	21.11	31.6°	25.5°	1.00	0.61
60°	8.75	4.38	20.42	36.0°	26.6°	1.00	0.66
70°	9.11	3.12	19.35	41.9°	27.5°	1.00	0.74
75°	9.27	2.40	18.75	44.9°	27.8°	1.00	0.80
80°	9.43	1.64	18.12	48.0°	28.0°	1.00	0.86
90°	9.70	0.00	17.09	55.4°	25.1°	1.00	1.00
110°	9.00	3.08	15.14	76.2°	6.7°	1.00	1.00
120°	8.66	4.33	13.64	86.7°	4.2°	1.00	1.00
135°	8.20	5.80	11.52	104.8°	2.9°	1.00	1.00
150°	7.87	6.82	9.78	126.3°	2.2°	1.00	1.00
165°	7.62	7.36	8.63	151.8°	1.4°	1.00	1.00
180°	7.45	7.45	8.32	180.0°	0.4°	1.00	1.00
175.4° (r)	7.49	7.47	8.32	171.3°	0.8°	1.00	1.00

TWS = 20 Kts

TWA	BTV	VMG	AWS	AWA	Heel	Reef	Flat
39.8° (b)	7.51	5.77	23.81	26.4°	23.4°	0.47	0.60
52°	8.41	5.18	23.32	33.2°	26.1°	0.49	0.60
60°	8.82	4.41	22.84	37.9°	28.1°	0.64	0.60
70°	9.24	3.16	22.29	45.0°	28.4°	0.89	0.60
75°	9.44	2.44	21.87	48.6°	28.6°	1.00	0.62
80°	9.64	1.67	21.15	52.1°	28.8°	1.00	0.67
90°	10.03	0.00	19.63	59.3°	29.2°	1.00	0.82
110°	9.92	3.39	18.17	79.8°	14.1°	1.00	1.00
120°	9.44	4.72	16.89	91.4°	7.9°	1.00	1.00
135°	9.01	6.37	14.74	109.5°	4.5°	1.00	1.00
150°	8.76	7.58	12.88	130.2°	3.3°	1.00	1.00
165°	8.58	8.29	11.64	154.0°	2.1°	1.00	1.00
180°	8.44	8.44	11.27	180.0°	0.7°	1.00	1.00
176.9° (r)	8.46	8.45	11.27	174.6°	1.0°	1.00	1.00



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Polar Tables

Boat Name: **A410**
 Sail No: **SWE 1**
 Sail: **Symmetric Spinnaker**
 Issued On: **06/02/2014 - VPP 2011 1.02**

TWS = 6 Kts

TWA	BTV	VMG	AWS	AWA	Heel	Reef	Flat
60°	4.49	2.25	9.09	34.2°	12.1°	1.00	1.00
70°	5.42	1.85	9.31	36.5°	12.8°	1.00	1.00
75°	5.78	1.50	9.28	37.7°	13.1°	1.00	1.00
80°	6.08	1.06	9.18	39.0°	13.4°	1.00	1.00
90°	6.46	0.00	8.73	42.2°	13.5°	1.00	1.00
110°	6.37	2.18	7.02	52.2°	12.2°	1.00	1.00
120°	6.11	3.06	5.99	58.9°	11.6°	1.00	1.00
135°	5.39	3.81	4.36	75.2°	9.9°	1.00	1.00
150°	4.36	3.78	3.12	106.3°	7.7°	1.00	1.00
165°	3.64	3.51	2.70	144.8°	7.1°	1.00	1.00
180°	3.31	3.31	2.74	180.0°	6.8°	1.00	1.00
140.7° (r)	5.00	3.87	3.79	85.2°	8.8°	1.00	1.00

TWS = 8 Kts

TWA	BTV	VMG	AWS	AWA	Heel	Reef	Flat
60°	5.79	2.89	11.88	34.4°	15.3°	1.00	1.00
70°	6.88	2.35	12.04	36.9°	16.5°	1.00	1.00
75°	7.22	1.87	11.89	38.6°	17.0°	1.00	1.00
80°	7.47	1.30	11.64	40.4°	17.3°	1.00	1.00
90°	7.71	0.00	10.88	44.9°	16.8°	1.00	1.00
110°	7.65	2.62	8.79	56.1°	14.9°	1.00	1.00
120°	7.45	3.73	7.61	63.2°	12.7°	1.00	1.00
135°	6.81	4.82	5.70	78.7°	11.0°	1.00	1.00
150°	5.67	4.91	4.20	108.3°	8.6°	1.00	1.00
165°	4.81	4.65	3.63	145.2°	7.3°	1.00	1.00
180°	4.39	4.39	3.68	180.0°	6.9°	1.00	1.00
143.0° (r)	6.20	4.95	4.78	92.9°	9.8°	1.00	1.00

TWS = 10 Kts

TWA	BTV	VMG	AWS	AWA	Heel	Reef	Flat
60°	6.79	3.40	14.25	34.2°	22.1°	1.00	0.99
70°	7.59	2.60	13.88	37.6°	25.0°	1.00	0.85
75°	7.86	2.03	13.54	39.6°	26.0°	1.00	0.82
80°	8.06	1.40	13.14	41.9°	26.4°	1.00	0.83
90°	8.36	0.00	12.20	46.8°	26.6°	1.00	0.91
110°	8.57	2.93	10.36	60.3°	17.2°	1.00	1.00
120°	8.40	4.20	9.06	68.1°	15.0°	1.00	1.00
135°	7.87	5.57	7.01	83.8°	11.7°	1.00	1.00
150°	6.97	6.03	5.27	109.5°	9.7°	1.00	1.00
165°	5.99	5.78	4.56	145.4°	7.7°	1.00	1.00
180°	5.48	5.48	4.61	180.0°	7.0°	1.00	1.00
150.3° (r)	6.95	6.04	5.24	110.1°	9.6°	1.00	1.00

TWS = 12 Kts

TWA	BTV	VMG	AWS	AWA	Heel	Reef	Flat
60°	7.14	3.57	16.10	35.8°	23.4°	0.92	0.86
70°	7.88	2.69	15.54	40.0°	25.2°	0.89	0.84
75°	8.12	2.10	15.13	42.4°	26.0°	0.89	0.84
80°	8.31	1.44	14.65	45.0°	26.5°	0.90	0.86
90°	8.60	0.00	13.58	50.7°	26.6°	0.89	0.96
110°	9.19	3.14	11.24	62.9°	26.6°	0.99	1.00
120°	9.06	4.53	10.46	73.1°	16.3°	1.00	1.00
135°	8.53	6.03	8.34	90.0°	12.4°	1.00	1.00
150°	7.80	6.75	6.51	114.2°	10.5°	1.00	1.00
165°	7.00	6.76	5.62	146.5°	8.1°	1.00	1.00
180°	6.46	6.46	5.65	180.0°	7.1°	1.00	1.00
156.6° (r)	7.41	6.80	6.01	127.8°	9.3°	1.00	1.00

TWS = 14 Kts

TWA	BTV	VMG	AWS	AWA	Heel	Reef	Flat
60°	7.37	3.68	17.83	37.3°	23.9°	0.84	0.84
70°	8.07	2.76	17.15	42.2°	25.4°	0.81	0.84
75°	8.30	2.15	16.68	44.9°	26.1°	0.82	0.85
80°	8.48	1.47	16.13	47.8°	26.5°	0.81	0.89
90°	8.80	0.00	14.99	54.0°	26.6°	0.81	0.95
110°	9.54	3.26	12.54	67.3°	26.7°	0.93	1.00
120°	9.73	4.86	11.73	76.6°	20.0°	1.00	1.00
135°	9.09	6.43	9.73	95.1°	13.3°	1.00	1.00
150°	8.41	7.28	7.90	118.8°	11.0°	1.00	1.00
165°	7.74	7.48	6.91	148.5°	8.7°	1.00	1.00
180°	7.27	7.27	6.85	180.0°	7.2°	1.00	1.00
162.9° (r)	7.83	7.48	6.99	144.0°	9.0°	1.00	1.00

TWS = 16 Kts

TWA	BTV	VMG	AWS	AWA	Heel	Reef	Flat
60°	7.52	3.76	19.54	38.7°	24.1°	0.78	0.80
70°	8.20	2.80	18.74	44.1°	25.5°	0.75	0.85
75°	8.42	2.18	18.20	47.1°	26.3°	0.76	0.86
80°	8.61	1.49	17.61	50.2°	26.5°	0.74	0.92
90°	8.98	0.00	16.41	56.8°	26.5°	0.75	0.98
110°	9.87	3.38	13.88	71.0°	26.7°	0.87	1.00
120°	10.28	5.14	12.48	79.1°	26.7°	0.97	1.00
135°	9.68	6.85	11.10	98.7°	15.1°	1.00	1.00
150°	8.93	7.73	9.36	122.5°	11.5°	1.00	1.00
165°	8.33	8.05	8.33	150.4°	9.4°	1.00	1.00
180°	7.92	7.92	8.22	180.0°	7.4°	1.00	1.00
167.1° (r)	8.26	8.05	8.27	154.5°	9.0°	1.00	1.00

TWS = 20 Kts

TWA	BTV	VMG	AWS	AWA	Heel	Reef	Flat
60°	7.66	3.83	22.86	41.3°	23.8°	0.67	0.79
70°	8.33	2.85	21.87	47.3°	25.7°	0.67	0.82
75°	8.56	2.22	21.24	50.6°	26.4°	0.67	0.83
80°	8.79	1.53	20.63	54.2°	26.5°	0.67	0.84
90°	9.32	0.00	19.35	61.2°	26.7°	0.67	0.95
110°	10.46	3.58	16.64	76.5°	26.7°	0.77	1.00
120°	11.01	5.51	15.14	85.2°	26.7°	0.86	1.00
135°	11.26	7.96	13.80	102.2°	17.9°	1.00	1.00
150°	10.01	8.67	12.31	127.0°	12.5°	1.00	1.00
165°	9.32	9.00	11.36	153.2°	10.6°	1.00	1.00
180°	8.90	8.90	11.27	180.0°	7.8°	1.00	1.00
168.4° (r)	9.21	9.02	11.26	159.2°	10.1°	1.00	1.00