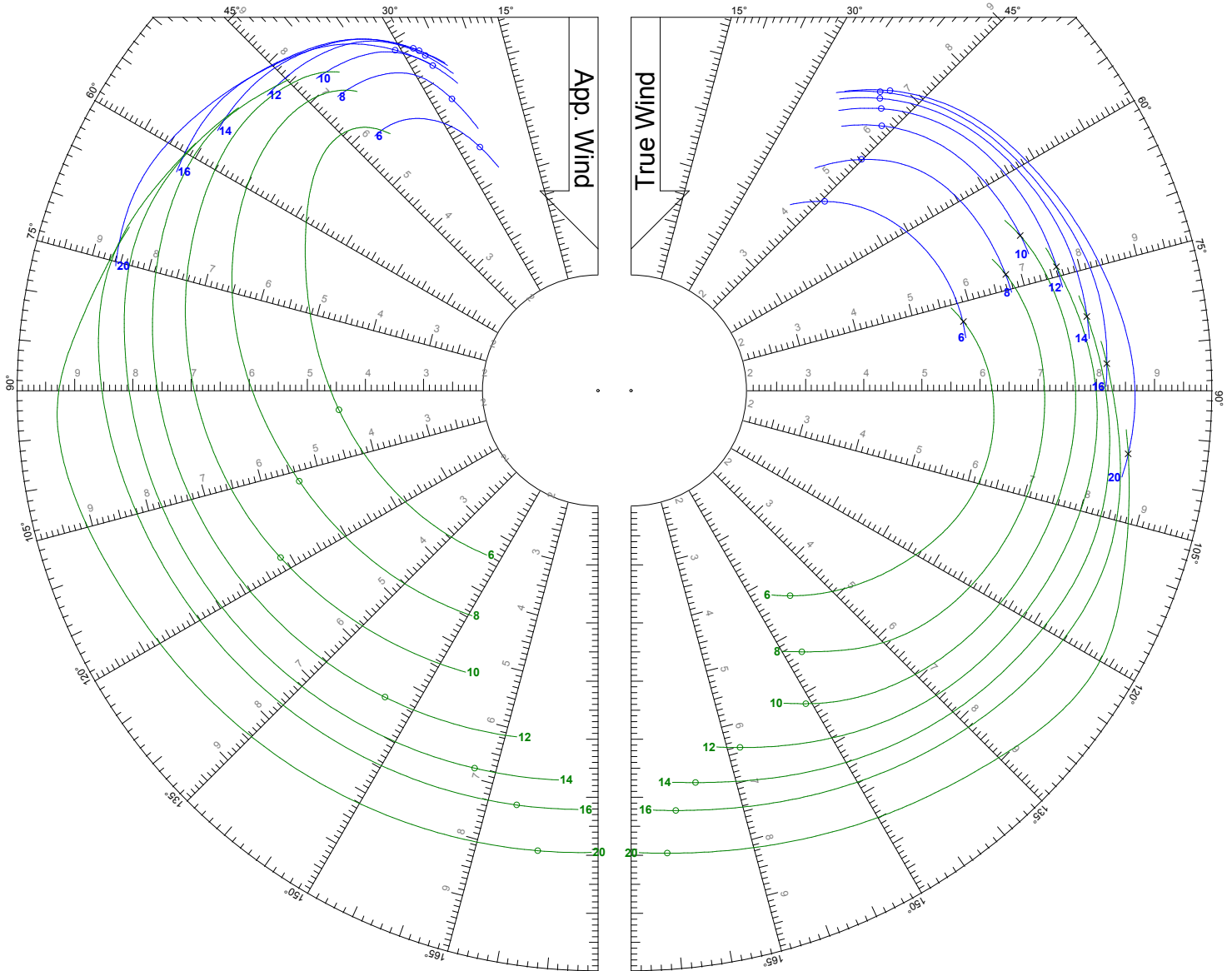




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Polar Plot for Boat

Name **Saare 38**
Sail Number **FIN**
Class **Saare 38**
Designer **Kam u Stráhlmann**
Builder **Saare Paat**
Issued On **6.10.2010 - VPP 2010 1.11**

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

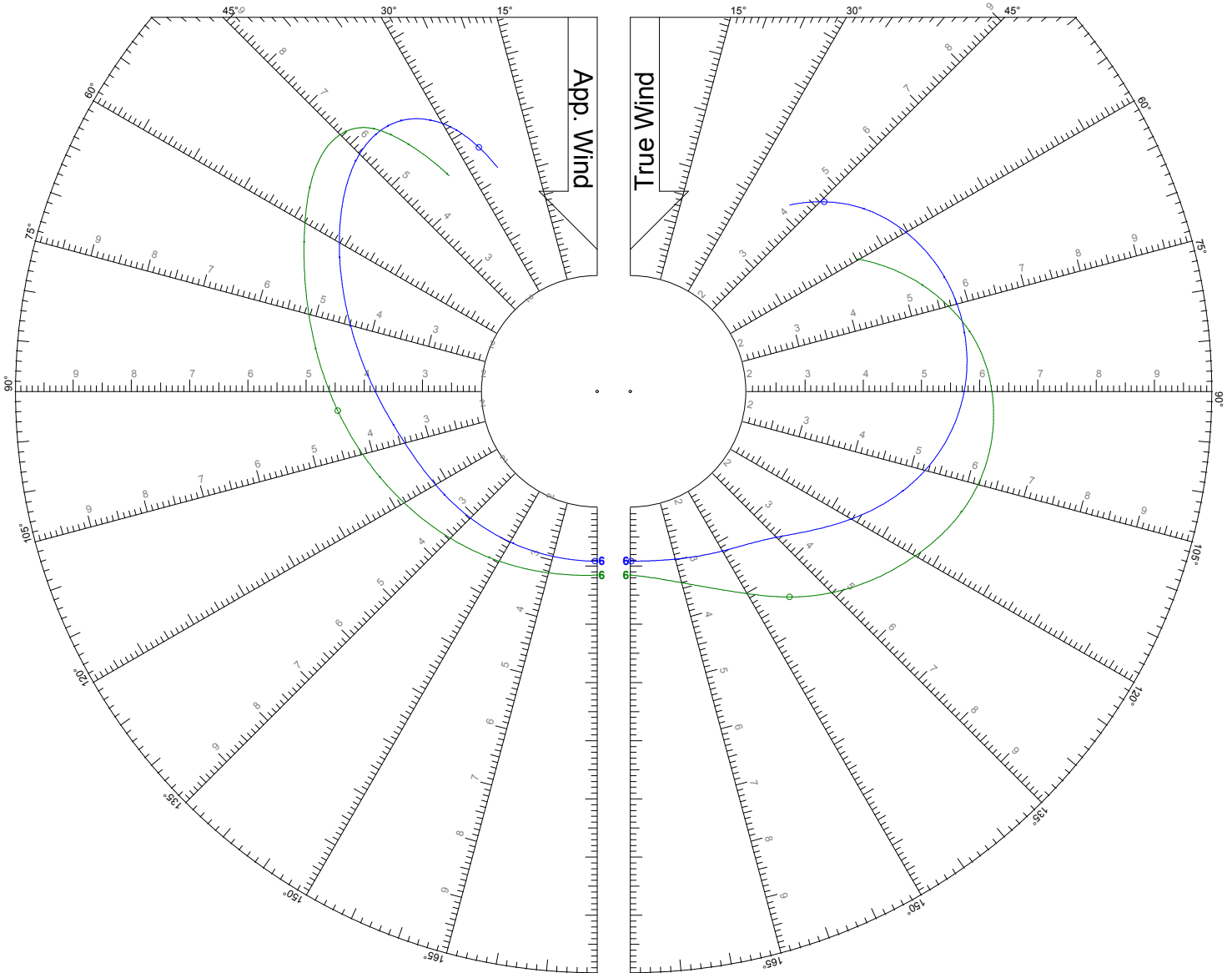
Jib

Symmetric Spinnaker



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Speed Guide



Polar Plot for Boat

Name **Saare 38**
Sail Number **FIN**
Class **Saare 38**
Designer **Kam u Stráhlmann**
Builder **Saare Paat**
Issued On **6.10.2010 - VPP 2010 1.11**

TWS: 6 kts

Jib

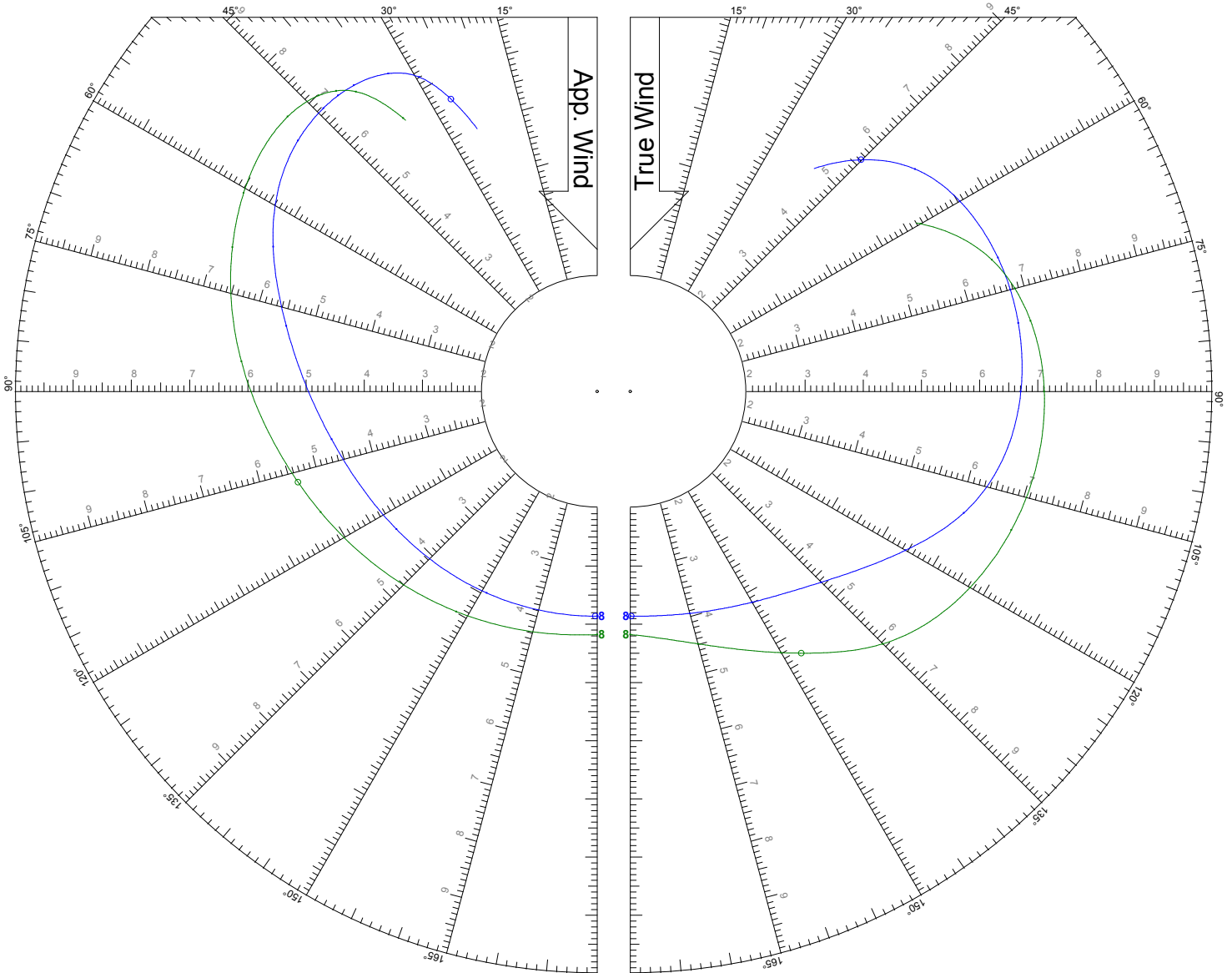
Symmetric Spinnaker



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Polar Plot for Boat

Name **Saare 38**
Sail Number **FIN**
Class **Saare 38**
Designer **Kam u Stråhlmann**
Builder **Saare Paat**
Issued On **6.10.2010 - VPP 2010 1.11**

TWS: 8 kts

Jib

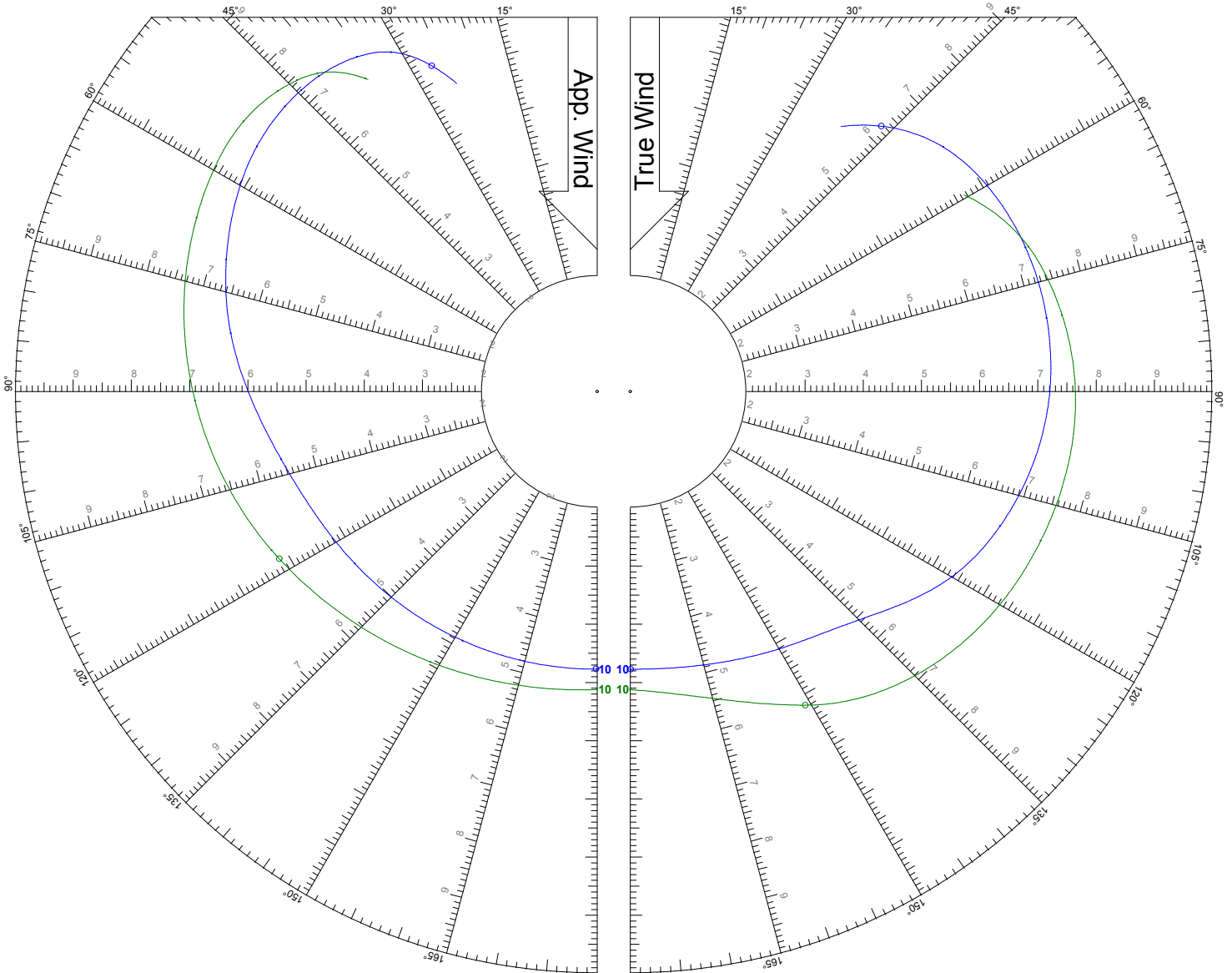
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Polar Plot for Boat

Name **Saare 38**
Sail Number **FIN**
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Designer **Kam u Stráhlmann**
Builder **Saare Paat**
Issued On **6.10.2010 - VPP 2010 1.11**

TWS: 10 kts

Jib

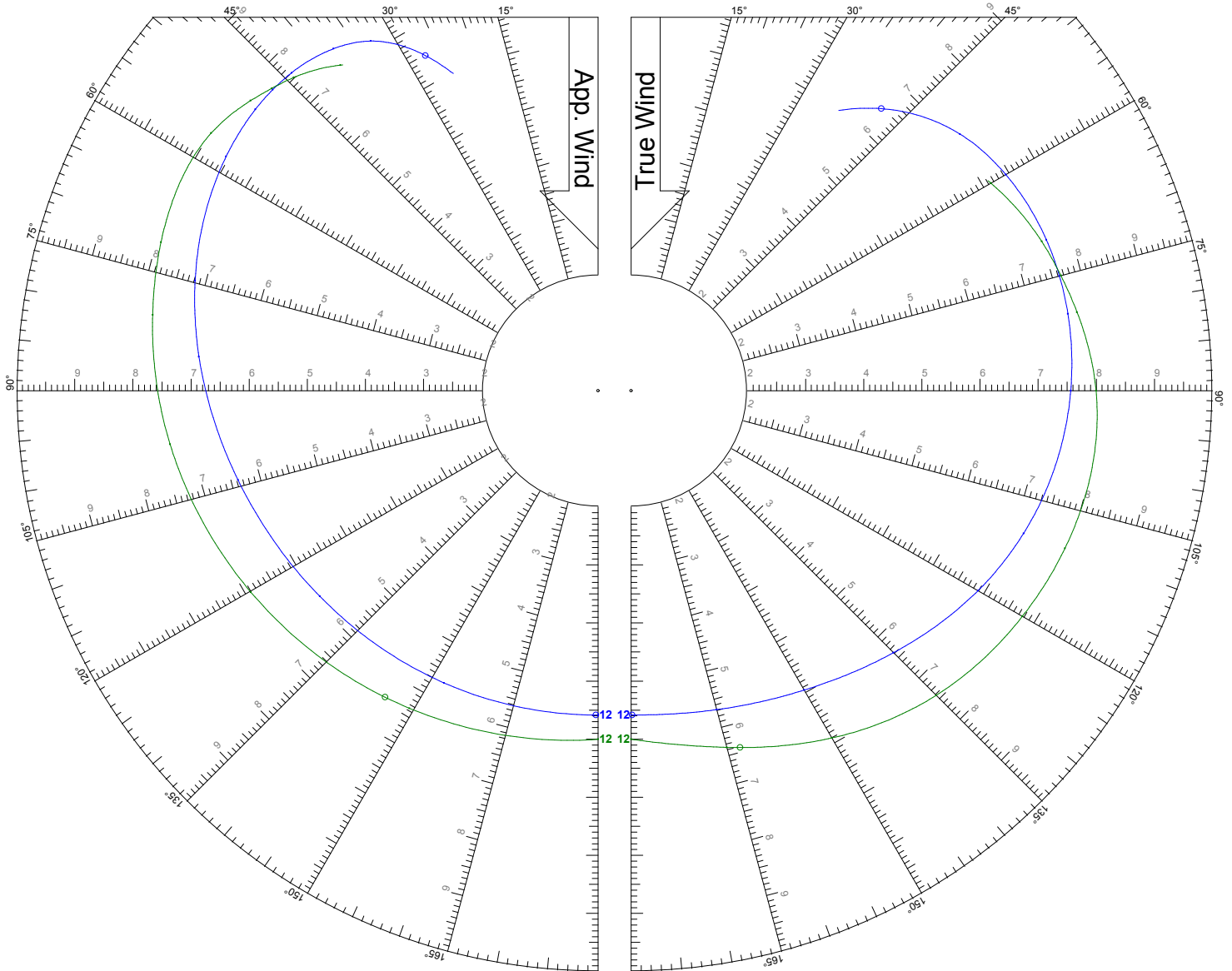
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Polar Plot for Boat

Name **Saare 38**
Sail Number **FIN**
Class **Saare 38**
Designer **Kam u Stráhlmann**
Builder **Saare Paat**
Issued On **6.10.2010 - VPP 2010 1.11**

TWS: 12 kts

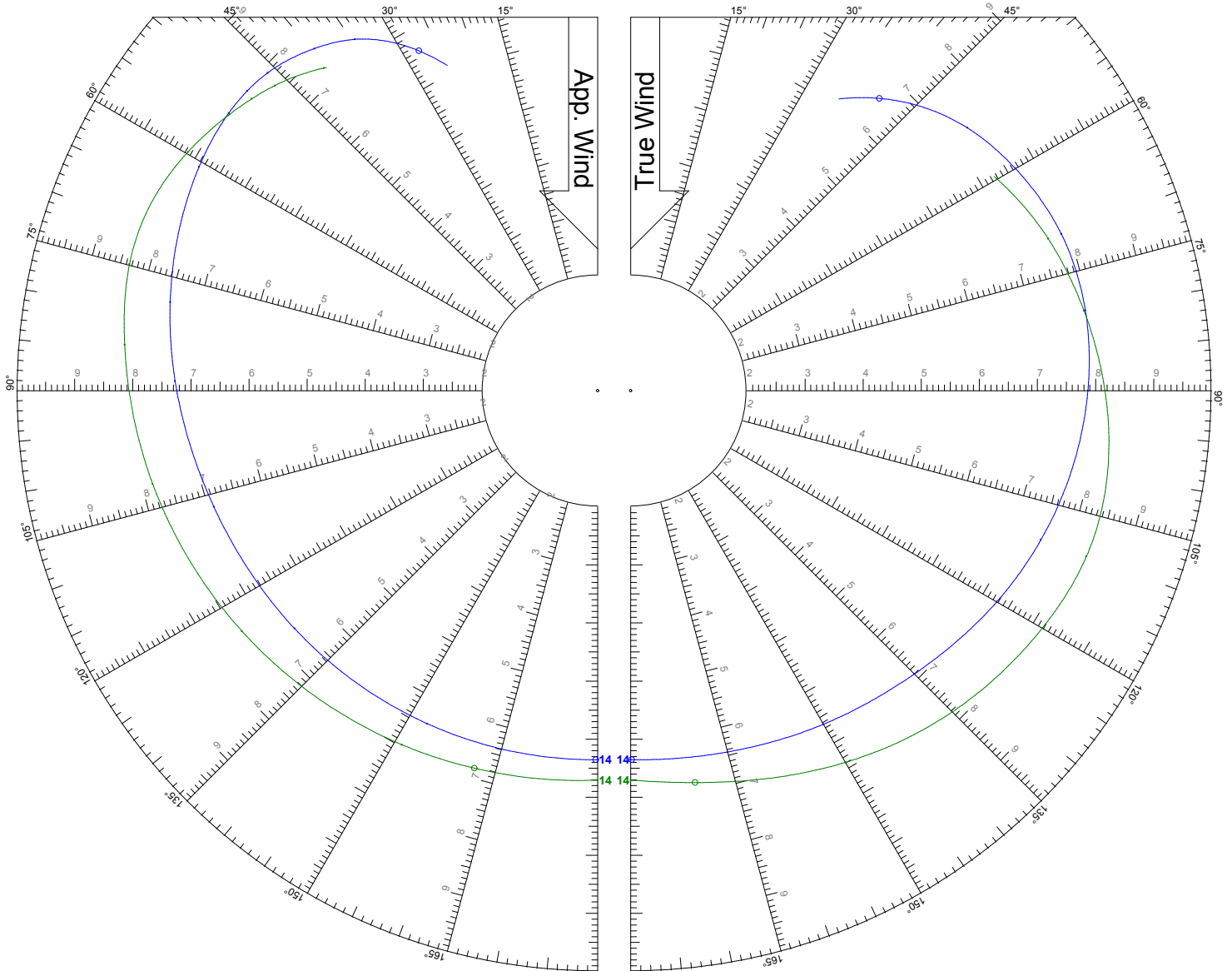
Jib

Symmetric Spinnaker



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Polar Plot for Boat

Name **Saare 38**
Sail Number **FIN**
Class **Saare 38**
Designer **Kam u Stráhlmann**
Builder **Saare Paat**
Issued On **6.10.2010 - VPP 2010 1.11**

TWS: 14 kts

Jib

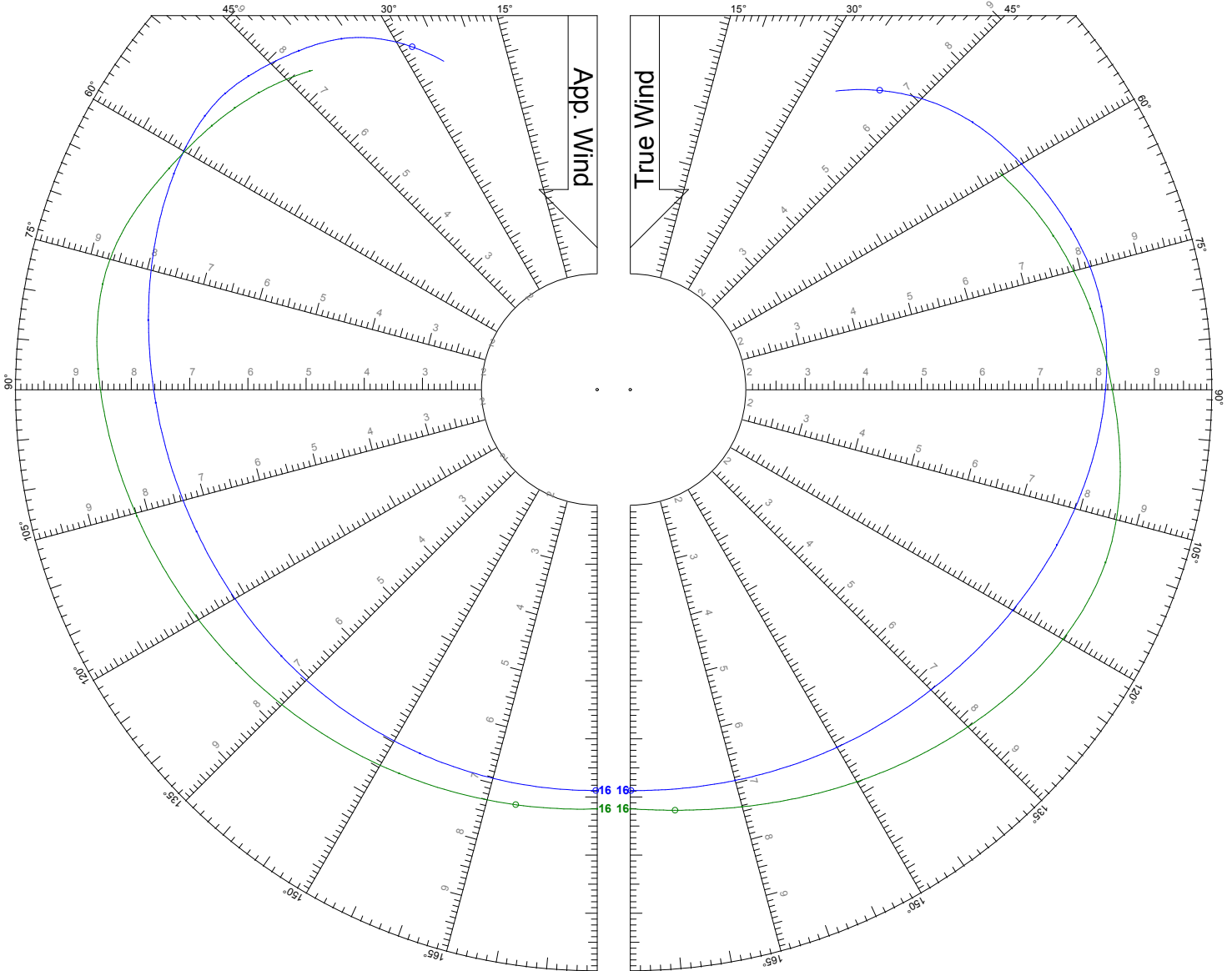
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Polar Plot for Boat

Name **Saare 38**
Sail Number **FIN**
Class **Saare 38**
Designer **Kam u Stráhlmann**
Builder **Saare Paat**
Issued On **6.10.2010 - VPP 2010 1.11**

TWS: 16 kts

Jib

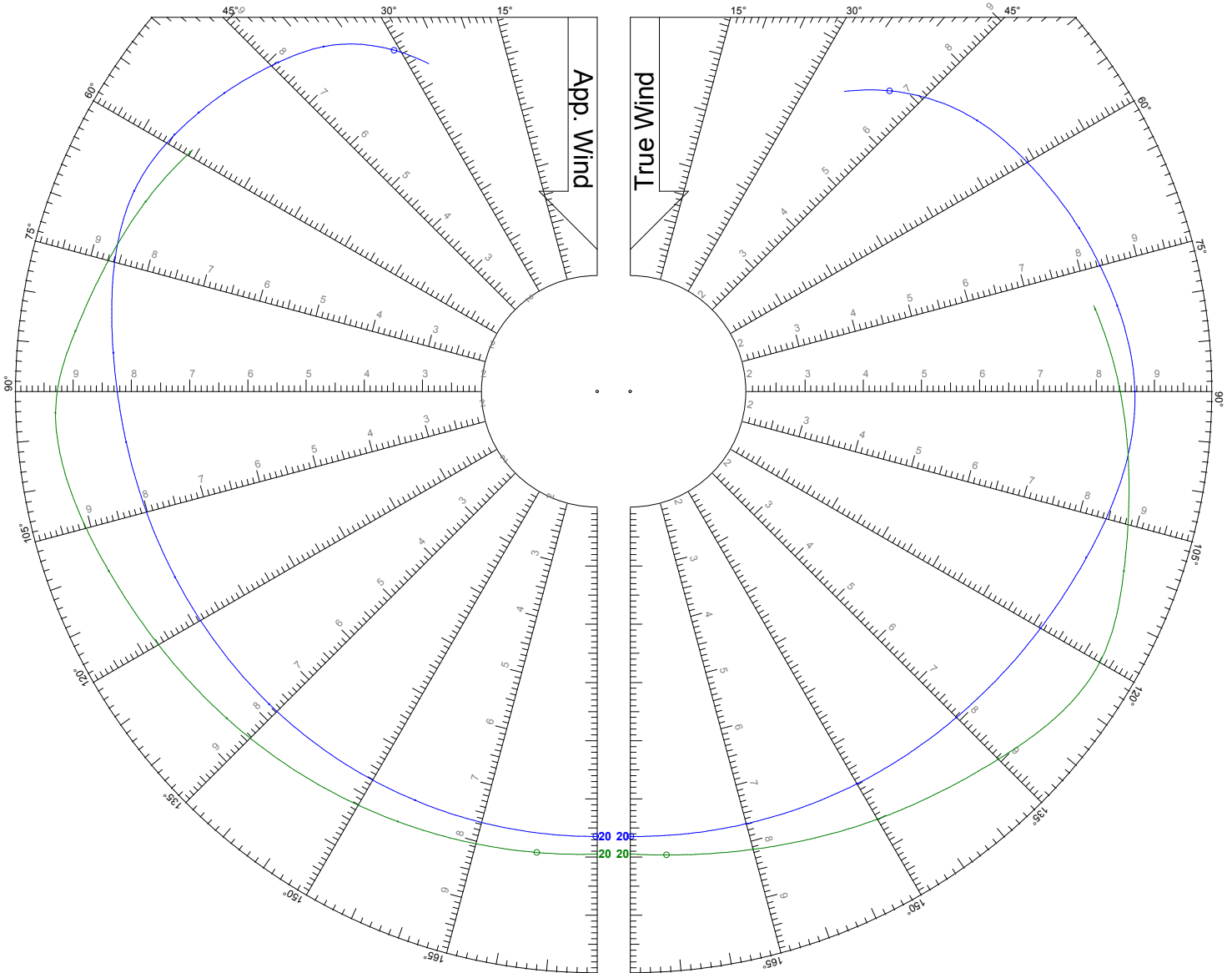
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Polar Plot for Boat	
Name	Saare 38
Sail Number	FIN
Class	Saare 38
Designer	Kam u Stråhlmann
Builder	Saare Paat
Issued On	6.10.2010 - VPP 2010 1.11

TWS: 20 kts

Jib

Symmetric Spinnaker



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Polar Tables							
Boat Name: Saare 38							
Sail No: FIN							
Sail: Best Performance							
Issued On: 6.10.2010 - VPP 2010 1.11							

TWS = 6 Kts							
TWA	BTV	VMG	AWS	AWA	Heel	Reef	Flat
45.6° (b)	4.66	3.26	9.84	25.8°	3.9°	1.00	1.00
52°	5.10	3.14	9.98	28.3°	4.0°	1.00	1.00
60°	5.47	2.73	9.94	31.5°	3.9°	1.00	1.00
70°	5.74	1.96	9.62	35.9°	3.7°	1.00	1.00
75°	5.81	1.50	9.37	38.2°	3.5°	1.00	1.00
80°	5.92	1.03	9.13	40.3°	4.6°	1.00	1.00
90°	6.21	0.00	8.64	44.0°	4.6°	1.00	1.00
110°	6.05	2.07	6.91	54.6°	3.3°	1.00	1.00
120°	5.65	2.83	5.83	63.0°	2.5°	1.00	1.00
135°	4.89	3.46	4.29	81.3°	1.4°	1.00	1.00
150°	4.01	3.47	3.23	111.6°	0.6°	1.00	1.00
165°	3.40	3.29	2.85	147.0°	0.2°	1.00	1.00
180°	3.15	3.15	2.85	180.0°	0.0°	1.00	1.00
142.2° (r)	4.47	3.53	3.69	94.3°	1.0°	1.00	1.00

TWS = 8 Kts							
TWA	BTV	VMG	AWS	AWA	Heel	Reef	Flat
44.9° (b)	5.62	3.98	12.62	26.6°	7.9°	1.00	1.00
52°	6.21	3.82	12.79	29.5°	8.3°	1.00	1.00
60°	6.53	3.27	12.61	33.3°	7.7°	1.00	1.00
70°	6.72	2.30	12.08	38.5°	6.1°	1.00	1.00
75°	6.84	1.77	11.79	40.9°	11.8°	1.00	1.00
80°	6.98	1.21	11.49	43.3°	12.3°	1.00	1.00
90°	7.11	0.00	10.70	48.4°	11.0°	1.00	1.00
110°	6.96	2.38	8.63	60.6°	4.9°	1.00	1.00
120°	6.74	3.37	7.45	68.4°	3.6°	1.00	1.00
135°	6.13	4.34	5.68	85.2°	2.1°	1.00	1.00
150°	5.18	4.49	4.36	113.6°	0.9°	1.00	1.00
165°	4.49	4.34	3.84	147.4°	0.4°	1.00	1.00
180°	4.18	4.18	3.82	180.0°	0.1°	1.00	1.00
146.9° (r)	5.37	4.50	4.57	106.9°	1.1°	1.00	1.00

TWS = 10 Kts							
TWA	BTV	VMG	AWS	AWA	Heel	Reef	Flat
43.4° (b)	6.27	4.56	15.18	26.9°	15.2°	1.00	1.00
52°	6.82	4.20	15.18	31.3°	15.0°	1.00	1.00
60°	7.07	3.54	14.86	35.7°	13.7°	1.00	1.00
70°	7.28	2.49	14.24	41.3°	21.8°	1.00	1.00
75°	7.43	1.92	13.91	44.0°	23.0°	1.00	1.00
80°	7.53	1.31	13.52	46.7°	22.7°	1.00	1.00
90°	7.64	0.00	12.59	52.6°	19.2°	1.00	1.00
110°	7.50	2.57	10.24	66.5°	8.7°	1.00	1.00
120°	7.33	3.66	8.97	75.0°	4.8°	1.00	1.00
135°	6.91	4.89	7.07	91.3°	2.7°	1.00	1.00
150°	6.22	5.39	5.56	116.0°	1.3°	1.00	1.00
165°	5.46	5.27	4.93	148.4°	0.6°	1.00	1.00
180°	5.12	5.12	4.88	180.0°	0.1°	1.00	1.00
150.9° (r)	6.17	5.39	5.50	117.8°	1.3°	1.00	1.00

TWS = 12 Kts							
TWA	BTV	VMG	AWS	AWA	Heel	Reef	Flat
41.6° (b)	6.49	4.85	17.39	27.2°	19.7°	1.00	0.92
52°	7.18	4.42	17.36	33.0°	22.7°	1.00	1.00
60°	7.44	3.72	16.99	37.7°	20.6°	1.00	1.00
70°	7.60	2.60	16.25	43.9°	16.8°	1.00	1.00
75°	7.65	1.98	15.81	47.1°	30.4°	0.96	0.99
80°	7.79	1.35	15.40	50.1°	30.6°	1.00	0.92
90°	8.00	0.00	14.42	56.3°	28.9°	1.00	1.00
110°	7.94	2.72	11.91	71.2°	13.9°	1.00	1.00
120°	7.77	3.89	10.54	80.3°	7.6°	1.00	1.00
135°	7.42	5.25	8.55	97.2°	3.3°	1.00	1.00
150°	6.90	5.98	6.94	120.2°	1.7°	1.00	1.00
165°	6.36	6.14	6.09	149.3°	0.8°	1.00	1.00
180°	6.00	6.00	6.00	180.0°	0.2°	1.00	1.00
163.0° (r)	6.42	6.14	6.15	145.3°	0.9°	1.00	1.00

TWS = 14 Kts							
TWA	BTV	VMG	AWS	AWA	Heel	Reef	Flat
40.4° (b)	6.61	5.03	19.51	27.7°	21.2°	1.00	0.79
52°	7.35	4.53	19.41	34.6°	25.6°	1.00	0.89
60°	7.65	3.82	19.01	39.6°	27.4°	1.00	0.98
70°	7.89	2.70	18.27	46.1°	23.5°	1.00	1.00
75°	7.94	2.05	17.79	49.5°	20.5°	1.00	1.00
80°	7.95	1.38	17.26	53.0°	17.3°	1.00	1.00
90°	8.16	0.00	16.21	59.8°	31.7°	0.96	0.97
110°	8.35	2.85	13.63	74.9°	20.3°	1.00	1.00
120°	8.18	4.09	12.18	84.4°	11.8°	1.00	1.00
135°	7.82	5.53	10.11	101.8°	4.1°	1.00	1.00
150°	7.39	6.40	8.45	124.1°	2.1°	1.00	1.00
165°	6.96	6.73	7.49	151.1°	1.1°	1.00	1.00
180°	6.71	6.71	7.29	180.0°	0.2°	1.00	1.00
170.6° (r)	6.84	6.75	7.34	161.9°	0.7°	1.00	1.00

TWS = 16 Kts							
TWA	BTV	VMG	AWS	AWA	Heel	Reef	Flat
39.8° (b)	6.69	5.14	21.57	28.3°	22.4°	1.00	0.68
52°	7.46	4.59	21.42	36.1°	26.8°	1.00	0.78
60°	7.76	3.88	20.98	41.3°	28.6°	1.00	0.86
70°	8.06	2.76	20.22	48.0°	29.9°	1.00	0.98
75°	8.17	2.11	19.76	51.5°	27.3°	1.00	1.00
80°	8.22	1.43	19.21	55.1°	23.1°	1.00	1.00
90°	8.28	0.00	18.01	62.6°	32.7°	0.94	0.86
110°	8.68	2.97	15.37	77.9°	27.9°	1.00	1.00
120°	8.58	4.29	13.87	87.6°	16.8°	1.00	1.00
135°	8.20	5.80	11.73	105.4°	5.2°	1.00	1.00
150°	7.78	6.74	10.05	127.2°	2.6°	1.00	1.00
165°	7.42	7.17	9.04	152.7°	1.3°	1.00	1.00
180°	7.21	7.21	8.80	180.0°	0.3°	1.00	1.00
173.9° (r)	7.27	7.23	8.81	168.9°	0.7°	1.00	1.00

TWS = 20 Kts							
TWA	BTV	VMG	AWS	AWA	Heel	Reef	Flat
40.8° (b)	6.82	5.16	25.56	30.7°	26.9°	0.86	0.60
52°	7.56	4.66	25.36	38.4°	28.4°	1.00	0.60
60°	7.87	3.94	24.89	44.1°	29.9°	1.00	0.66
70°	8.20	2.81	24.07	51.3°	31.1°	1.00	0.77
75°	8.35	2.16	23.58	55.0°	31.5°	1.00	0.83
80°	8.49	1.47	23.05	58.7°	32.0°	1.00	0.92
90°	8.67	0.00	21.80	66.6°	25.8°	1.00	1.00
110°	9.02	3.09	18.92	83.4°	35.2°	0.95	0.97
120°	9.31	4.65	17.33	92.3°	29.4°	1.00	1.00
135°	8.94	6.32	15.07	110.2°	11.3°	1.00	1.00
150°	8.49	7.35	13.34	131.5°	3.8°	1.00	1.00
165°	8.15	7.87	12.31	155.1°	2.0°	1.00	1.00
180°	7.95	7.95	12.05	180.0°	0.6°	1.00	1.00
175.5° (r)	7.99	7.96	12.05	172.6°	1.0°	1.00	1.00



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Polar Tables							
Boat Name: Saare 38							
Sail No: FIN							
Sail: Jib							
Issued On: 6.10.2010 - VPP 2010 1.11							

TWS = 6 Kts							
TWA	BTV	VMG	AWS	AWA	Heel	Reef	Flat
45.6° (b)	4.66	3.26	9.67	25.4°	3.9°	1.00	1.00
52°	5.10	3.14	9.82	27.8°	4.0°	1.00	1.00
60°	5.47	2.73	9.78	31.0°	3.9°	1.00	1.00
70°	5.74	1.96	9.47	35.2°	3.7°	1.00	1.00
75°	5.81	1.50	9.23	37.5°	3.5°	1.00	1.00
80°	5.83	1.01	8.92	40.0°	3.3°	1.00	1.00
90°	5.73	0.00	8.17	45.4°	2.8°	1.00	1.00
110°	4.99	1.71	6.24	61.4°	1.6°	1.00	1.00
120°	4.38	2.19	5.26	73.8°	1.1°	1.00	1.00
135°	3.54	2.51	4.16	98.0°	0.6°	1.00	1.00
150°	3.17	2.74	3.47	122.9°	0.4°	1.00	1.00
165°	2.98	2.88	3.05	150.3°	0.3°	1.00	1.00
180°	2.92	2.92	2.92	180.0°	0.1°	1.00	1.00
179.6° (r)	2.92	2.92	2.92	179.3°	0.1°	1.00	1.00

TWS = 8 Kts							
TWA	BTV	VMG	AWS	AWA	Heel	Reef	Flat
44.9° (b)	5.62	3.98	12.37	26.0°	7.9°	1.00	1.00
52°	6.21	3.82	12.54	28.9°	8.3°	1.00	1.00
60°	6.53	3.27	12.37	32.6°	7.7°	1.00	1.00
70°	6.72	2.30	11.86	37.7°	6.1°	1.00	1.00
75°	6.76	1.75	11.52	40.4°	5.4°	1.00	1.00
80°	6.77	1.18	11.14	43.2°	4.8°	1.00	1.00
90°	6.71	0.00	10.25	49.1°	3.8°	1.00	1.00
110°	6.10	2.09	8.07	64.8°	2.2°	1.00	1.00
120°	5.46	2.73	6.91	76.9°	1.6°	1.00	1.00
135°	4.64	3.28	5.56	98.9°	1.0°	1.00	1.00
150°	4.18	3.62	4.65	123.3°	0.7°	1.00	1.00
165°	3.95	3.81	4.09	150.5°	0.5°	1.00	1.00
180°	3.86	3.86	3.91	180.0°	0.1°	1.00	1.00
179.8° (r)	3.86	3.86	3.91	179.5°	0.1°	1.00	1.00

TWS = 10 Kts							
TWA	BTV	VMG	AWS	AWA	Heel	Reef	Flat
43.4° (b)	6.27	4.56	14.76	25.7°	15.2°	1.00	1.00
52°	6.82	4.20	14.74	29.9°	15.0°	1.00	1.00
60°	7.07	3.54	14.43	34.4°	13.7°	1.00	1.00
70°	7.22	2.47	13.82	40.3°	11.1°	1.00	1.00
75°	7.25	1.88	13.44	43.4°	9.6°	1.00	1.00
80°	7.26	1.26	13.02	46.6°	8.0°	1.00	1.00
90°	7.20	0.00	12.06	53.3°	5.1°	1.00	1.00
110°	6.76	2.31	9.75	69.4°	2.8°	1.00	1.00
120°	6.37	3.19	8.55	79.8°	2.1°	1.00	1.00
135°	5.55	3.93	7.00	100.9°	1.4°	1.00	1.00
150°	5.11	4.42	5.88	124.3°	1.0°	1.00	1.00
165°	4.86	4.70	5.18	150.9°	0.7°	1.00	1.00
180°	4.77	4.77	4.95	180.0°	0.2°	1.00	1.00
179.9° (r)	4.77	4.77	4.95	179.8°	0.2°	1.00	1.00

TWS = 12 Kts							
TWA	BTV	VMG	AWS	AWA	Heel	Reef	Flat
41.6° (b)	6.49	4.85	16.77	25.5°	19.7°	1.00	0.92
52°	7.18	4.42	16.55	30.4°	22.7°	1.00	1.00
60°	7.44	3.72	16.19	35.3°	20.6°	1.00	1.00
70°	7.60	2.60	15.57	42.0°	16.8°	1.00	1.00
75°	7.63	1.97	15.19	45.6°	14.6°	1.00	1.00
80°	7.63	1.32	14.77	49.2°	12.3°	1.00	1.00
90°	7.56	0.00	13.80	56.8°	7.8°	1.00	1.00
110°	7.18	2.46	11.40	73.7°	3.4°	1.00	1.00
120°	6.89	3.44	10.14	84.0°	2.6°	1.00	1.00
135°	6.38	4.51	8.45	102.8°	1.9°	1.00	1.00
150°	5.95	5.16	7.15	125.4°	1.4°	1.00	1.00
165°	5.69	5.49	6.34	151.6°	0.9°	1.00	1.00
180°	5.59	5.59	6.08	180.0°	0.3°	1.00	1.00
179.8° (r)	5.59	5.59	6.08	179.6°	0.3°	1.00	1.00

TWS = 14 Kts							
TWA	BTV	VMG	AWS	AWA	Heel	Reef	Flat
40.4° (b)	6.61	5.03	18.72	25.8°	21.2°	1.00	0.79
52°	7.35	4.53	18.28	31.4°	25.6°	1.00	0.89
60°	7.65	3.82	17.64	35.7°	27.4°	1.00	0.98
70°	7.89	2.70	17.03	42.9°	23.5°	1.00	1.00
75°	7.94	2.05	16.71	46.9°	20.5°	1.00	1.00
80°	7.95	1.38	16.35	51.0°	17.3°	1.00	1.00
90°	7.87	0.00	15.46	59.4°	11.3°	1.00	1.00
110°	7.51	2.57	13.07	77.4°	4.1°	1.00	1.00
120°	7.27	3.64	11.77	87.7°	3.2°	1.00	1.00
135°	6.90	4.88	9.99	105.8°	2.4°	1.00	1.00
150°	6.63	5.74	8.53	127.1°	1.8°	1.00	1.00
165°	6.44	6.22	7.57	152.3°	1.2°	1.00	1.00
180°	6.35	6.35	7.25	180.0°	0.3°	1.00	1.00
179.9° (r)	6.35	6.35	7.25	179.7°	0.4°	1.00	1.00

TWS = 16 Kts							
TWA	BTV	VMG	AWS	AWA	Heel	Reef	Flat
39.8° (b)	6.69	5.14	20.62	26.2°	22.4°	1.00	0.68
52°	7.46	4.59	20.01	32.5°	26.8°	1.00	0.78
60°	7.76	3.88	19.27	37.0°	28.6°	1.00	0.86
70°	8.06	2.76	18.16	43.1°	29.9°	1.00	0.98
75°	8.17	2.11	17.87	47.3°	27.3°	1.00	1.00
80°	8.22	1.43	17.66	52.0°	23.1°	1.00	1.00
90°	8.16	0.00	16.99	61.3°	15.4°	1.00	1.00
110°	7.80	2.67	14.75	80.3°	5.2°	1.00	1.00
120°	7.58	3.79	13.43	90.8°	3.9°	1.00	1.00
135°	7.30	5.16	11.58	108.6°	2.9°	1.00	1.00
150°	7.10	6.15	10.05	129.3°	2.3°	1.00	1.00
165°	6.95	6.72	9.01	153.5°	1.5°	1.00	1.00
180°	6.89	6.89	8.66	180.0°	0.5°	1.00	1.00
179.9° (r)	6.89	6.89	8.66	179.8°	0.5°	1.00	1.00

TWS = 20 Kts							
TWA	BTV	VMG	AWS	AWA	Heel	Reef	Flat
40.8° (b)	6.82	5.16	23.67	27.4°	26.9°	0.86	0.60
52°	7.56	4.66	23.40	34.4°	28.4°	1.00	0.60
60°	7.87	3.94	22.51	39.4°	29.9°	1.00	0.66
70°	8.20	2.81	21.22	46.1°	31.1°	1.00	0.77
75°	8.35	2.16	20.51	49.7°	31.5°	1.00	0.83
80°	8.49	1.47	19.76	53.4°	32.0°	1.00	0.92
90°	8.67	0.00	19.28	63.3°	25.8°	1.00	1.00
110°	8.34	2.85	17.97	84.6°	10.8°	1.00	1.00
120°	8.14	4.07	16.77	95.4°	6.9°	1.00	1.00
135°	7.92	5.60	14.88	113.0°	4.5°	1.00	1.00
150°	7.78	6.74	13.26	133.0°	3.4°	1.00	1.00
165°	7.69	7.43	12.17	155.6°	2.2°	1.00	1.00
180°	7.64	7.64	11.79	180.0°	0.8°	1.00	1.00
179.9° (r)	7.64	7.64	11.79	179.8°	0.8°	1.00	1.00



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Polar Tables							
Boat Name: Saare 38							
Sail No: FIN							
Sail: Symmetric Spinnaker							
Issued On: 6.10.2010 - VPP 2010 1.11							

TWS = 6 Kts							
TWA	BTV	VMG	AWS	AWA	Heel	Reef	Flat
60°	4.54	2.27	9.14	34.5°	3.3°	1.00	1.00
70°	5.34	1.83	9.28	37.2°	4.0°	1.00	1.00
75°	5.66	1.46	9.23	38.7°	4.3°	1.00	1.00
80°	5.92	1.03	9.11	40.2°	4.6°	1.00	1.00
90°	6.21	0.00	8.61	43.8°	4.6°	1.00	1.00
110°	6.05	2.07	6.90	54.5°	3.3°	1.00	1.00
120°	5.65	2.83	5.82	62.8°	2.5°	1.00	1.00
135°	4.89	3.46	4.28	81.2°	1.4°	1.00	1.00
150°	4.01	3.47	3.22	111.4°	0.6°	1.00	1.00
165°	3.40	3.29	2.84	147.0°	0.2°	1.00	1.00
180°	3.15	3.15	2.83	180.0°	0.0°	1.00	1.00
142.2° (r)	4.47	3.53	3.68	94.1°	1.0°	1.00	1.00

TWS = 8 Kts							
TWA	BTV	VMG	AWS	AWA	Heel	Reef	Flat
60°	5.76	2.88	11.92	35.2°	6.4°	1.00	1.00
70°	6.61	2.26	11.89	38.3°	10.3°	1.00	1.00
75°	6.84	1.77	11.65	40.2°	11.8°	1.00	1.00
80°	6.98	1.21	11.34	42.5°	12.3°	1.00	1.00
90°	7.11	0.00	10.57	47.7°	11.0°	1.00	1.00
110°	6.96	2.38	8.59	60.4°	4.9°	1.00	1.00
120°	6.74	3.37	7.42	68.3°	3.6°	1.00	1.00
135°	6.13	4.34	5.66	85.1°	2.1°	1.00	1.00
150°	5.18	4.49	4.35	113.4°	0.9°	1.00	1.00
165°	4.49	4.34	3.83	147.3°	0.4°	1.00	1.00
180°	4.18	4.18	3.81	180.0°	0.1°	1.00	1.00
146.9° (r)	5.37	4.50	4.56	106.8°	1.1°	1.00	1.00

TWS = 10 Kts							
TWA	BTV	VMG	AWS	AWA	Heel	Reef	Flat
60°	6.69	3.35	14.31	35.4°	15.1°	1.00	1.00
70°	7.28	2.49	13.70	39.0°	21.8°	1.00	1.00
75°	7.43	1.92	13.28	41.3°	23.0°	1.00	1.00
80°	7.53	1.31	12.88	44.1°	22.7°	1.00	1.00
90°	7.64	0.00	12.07	50.7°	19.2°	1.00	1.00
110°	7.50	2.57	10.12	66.1°	8.7°	1.00	1.00
120°	7.33	3.66	8.92	74.8°	4.8°	1.00	1.00
135°	6.91	4.89	7.05	91.2°	2.7°	1.00	1.00
150°	6.22	5.39	5.54	115.9°	1.3°	1.00	1.00
165°	5.46	5.27	4.91	148.3°	0.6°	1.00	1.00
180°	5.12	5.12	4.86	180.0°	0.1°	1.00	1.00
150.9° (r)	6.17	5.39	5.48	117.7°	1.3°	1.00	1.00

TWS = 12 Kts							
TWA	BTV	VMG	AWS	AWA	Heel	Reef	Flat
60°	7.14	3.57	15.89	34.9°	26.9°	1.00	0.99
70°	7.51	2.57	14.91	39.5°	30.2°	0.96	0.99
75°	7.65	1.98	14.43	42.3°	30.4°	0.96	0.99
80°	7.79	1.35	13.97	45.3°	30.6°	1.00	0.92
90°	8.00	0.00	13.03	52.1°	28.9°	1.00	1.00
110°	7.94	2.72	11.54	70.4°	13.9°	1.00	1.00
120°	7.77	3.89	10.42	80.1°	7.6°	1.00	1.00
135°	7.42	5.25	8.52	97.1°	3.3°	1.00	1.00
150°	6.90	5.98	6.91	120.1°	1.7°	1.00	1.00
165°	6.36	6.14	6.06	149.2°	0.8°	1.00	1.00
180°	6.00	6.00	5.97	180.0°	0.2°	1.00	1.00
163.0° (r)	6.42	6.14	6.12	145.2°	0.9°	1.00	1.00

TWS = 14 Kts							
TWA	BTV	VMG	AWS	AWA	Heel	Reef	Flat
60°	7.28	3.64	17.49	36.3°	28.5°	0.95	0.87
70°	7.65	2.62	16.51	41.9°	30.1°	0.94	0.83
75°	7.79	2.02	15.92	44.8°	31.1°	0.94	0.85
80°	7.92	1.38	15.32	47.9°	31.7°	0.94	0.88
90°	8.16	0.00	14.14	54.8°	31.7°	0.96	0.97
110°	8.35	2.85	12.72	73.5°	20.3°	1.00	1.00
120°	8.18	4.09	11.87	84.1°	11.8°	1.00	1.00
135°	7.82	5.53	10.06	101.8°	4.1°	1.00	1.00
150°	7.39	6.40	8.42	124.0°	2.1°	1.00	1.00
165°	6.96	6.73	7.46	151.0°	1.1°	1.00	1.00
180°	6.71	6.71	7.26	180.0°	0.2°	1.00	1.00
170.6° (r)	6.84	6.75	7.31	161.9°	0.7°	1.00	1.00

TWS = 16 Kts							
TWA	BTV	VMG	AWS	AWA	Heel	Reef	Flat
60°	7.37	3.69	19.11	37.8°	29.1°	0.91	0.75
70°	7.73	2.64	18.03	43.8°	30.7°	0.91	0.73
75°	7.88	2.04	17.42	47.0°	31.3°	0.91	0.75
80°	8.02	1.39	16.78	50.4°	31.8°	0.92	0.79
90°	8.28	0.00	15.43	57.5°	32.7°	0.94	0.86
110°	8.68	2.97	13.44	75.7°	27.9°	1.00	1.00
120°	8.58	4.29	13.17	87.2°	16.8°	1.00	1.00
135°	8.20	5.80	11.65	105.3°	5.2°	1.00	1.00
150°	7.78	6.74	10.00	127.2°	2.6°	1.00	1.00
165°	7.42	7.17	9.00	152.7°	1.3°	1.00	1.00
180°	7.21	7.21	8.76	180.0°	0.3°	1.00	1.00
173.9° (r)	7.27	7.23	8.77	168.9°	0.7°	1.00	1.00

TWS = 20 Kts							
TWA	BTV	VMG	AWS	AWA	Heel	Reef	Flat
60°	-0.01	-0.01	16.54	54.7°	35.5°	0.90	0.60
70°	-0.01	0.00	16.04	65.9°	35.5°	0.90	0.60
75°	-0.01	0.00	15.85	71.8°	35.5°	0.90	0.60
80°	8.11	1.41	19.52	54.1°	33.3°	0.90	0.61
90°	8.41	0.00	17.91	62.0°	34.5°	0.90	0.72
110°	9.02	3.09	15.01	80.7°	35.2°	0.95	0.97
120°	9.31	4.65	14.77	91.8°	29.4°	1.00	1.00
135°	8.94	6.32	14.72	110.4°	11.3°	1.00	1.00
150°	8.49	7.35	13.28	131.5°	3.8°	1.00	1.00
165°	8.15	7.87	12.27	155.1°	2.0°	1.00	1.00
180°	7.95	7.95	12.01	180.0°	0.6°	1.00	1.00
175.5° (r)	7.99	7.96	12.01	172.6°	1.0°	1.00	1.00