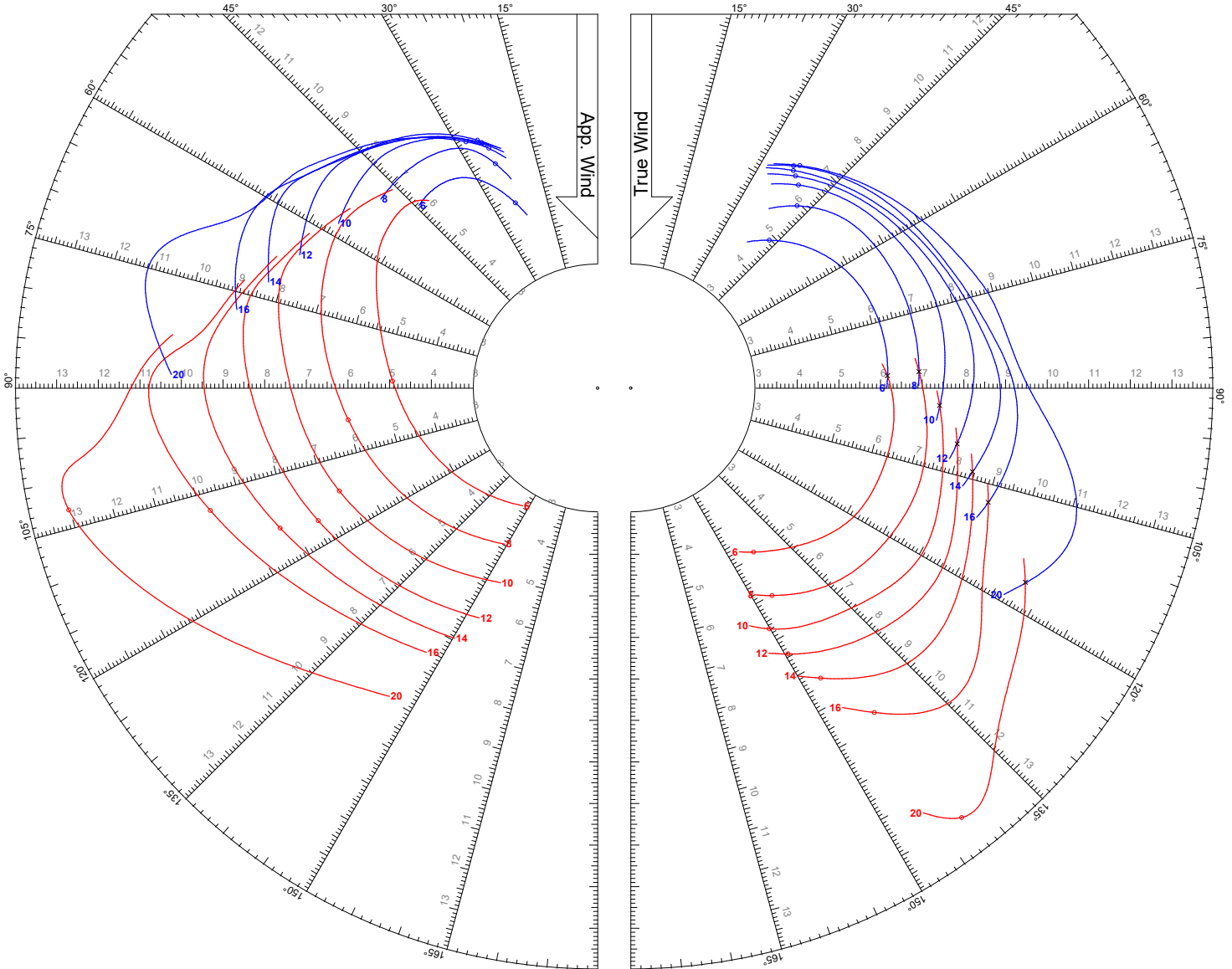




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Polar Plot for Boat

Name **Waarschip SB 9**
Sail Number
Class **Waarschip SB 9**
Designer **Peltzer**
Builder **NCD**
Issued On **2/15/2016 - VPP 2016 1.00**

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

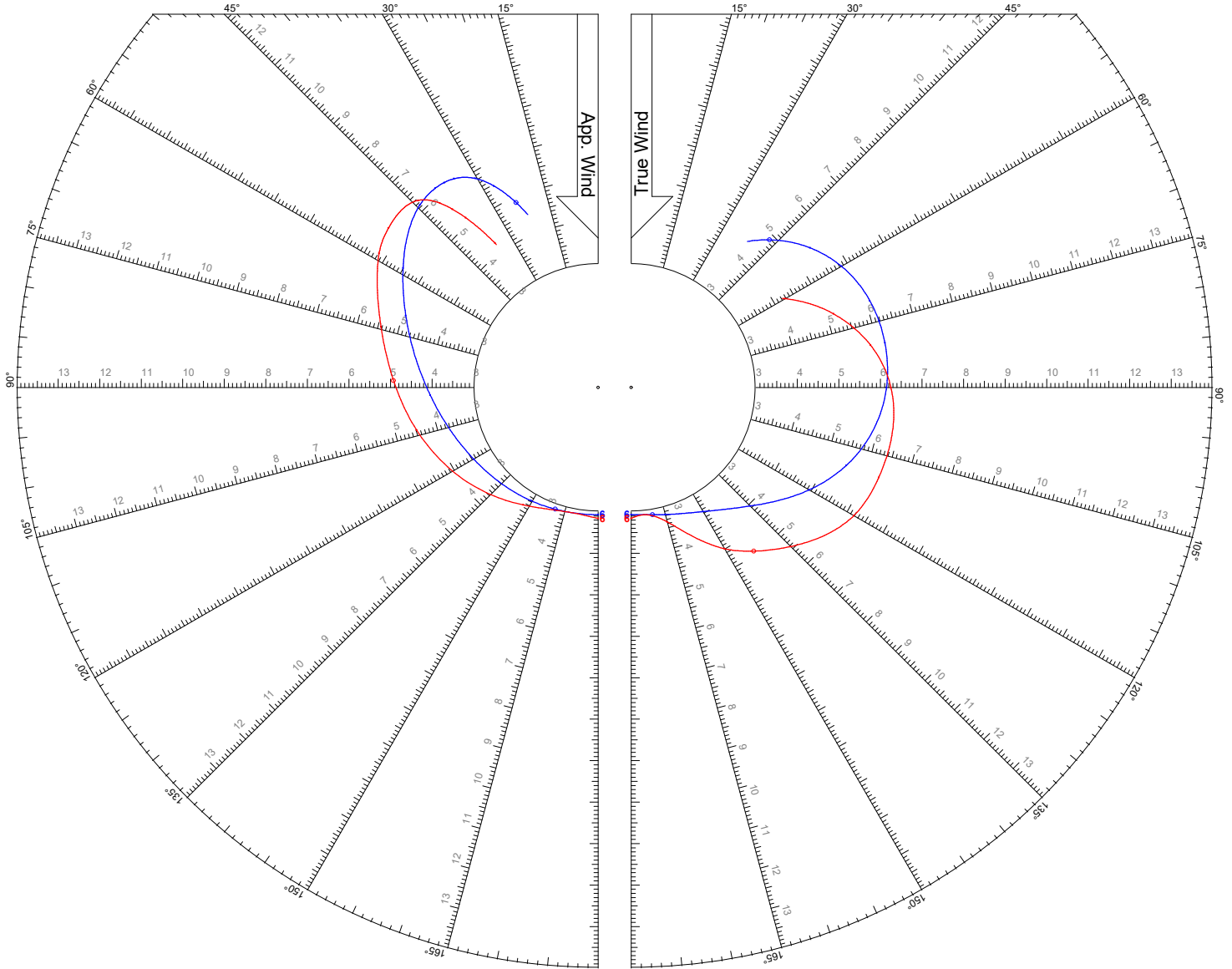
Jib

Asymmetric Spinnaker on Centerline



World Leader in Rating Technology

Speed Guide



Polar Plot for Boat

Name **Waarschip SB 9**
Sail Number
Class **Waarschip SB 9**
Designer **Peltzer**
Builder **NCD**
Issued On **2/15/2016 - VPP 2016 1.00**

TWS: 6 kts

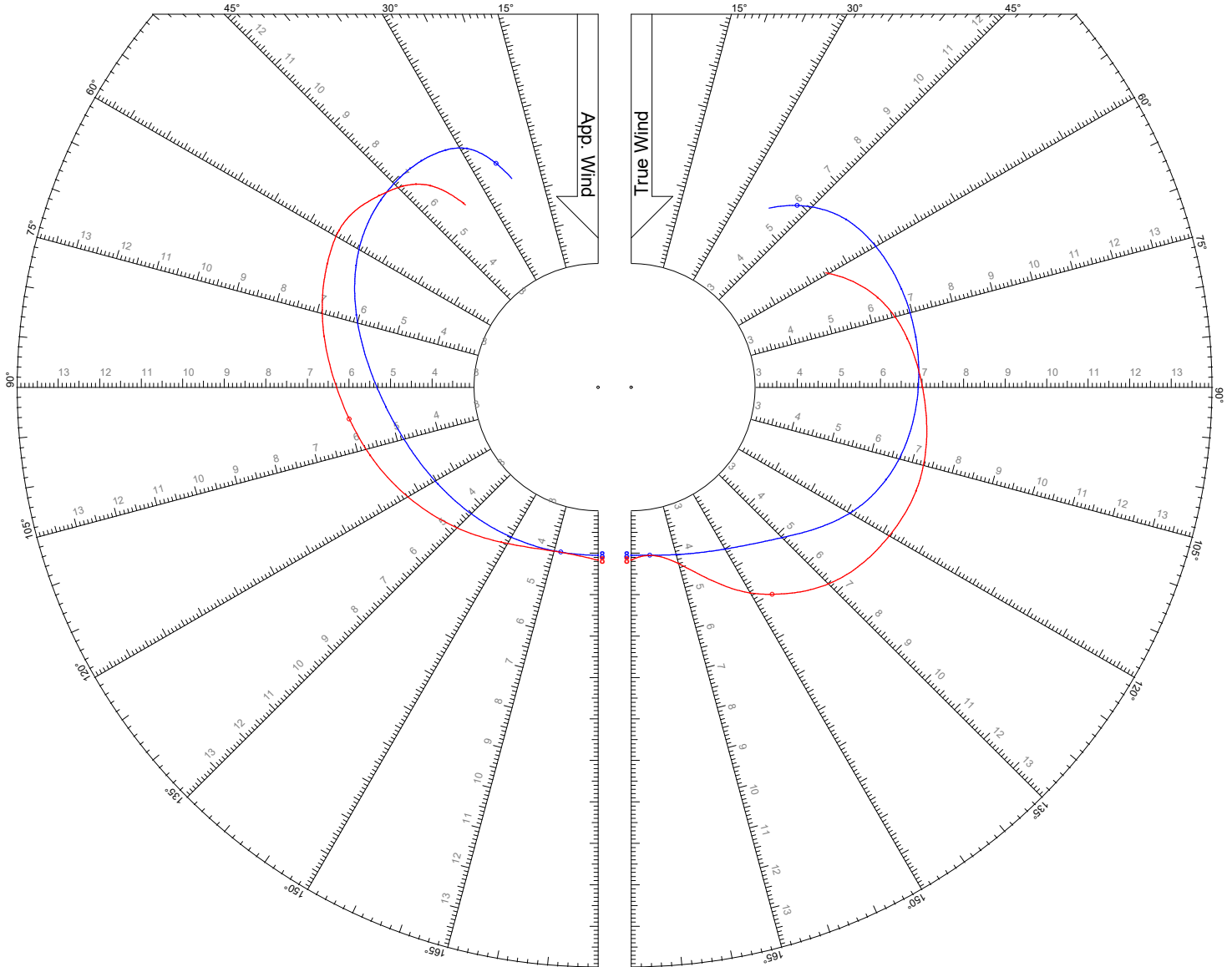
Jib

Asymmetric Spinnaker on Centerline



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Polar Plot for Boat	
Name	Waarschip SB 9
Sail Number	
Class	Waarschip SB 9
Designer	Peltzer
Builder	NCD
Issued On	2/15/2016 - VPP 2016 1.00

TWS: 8 kts

Jib

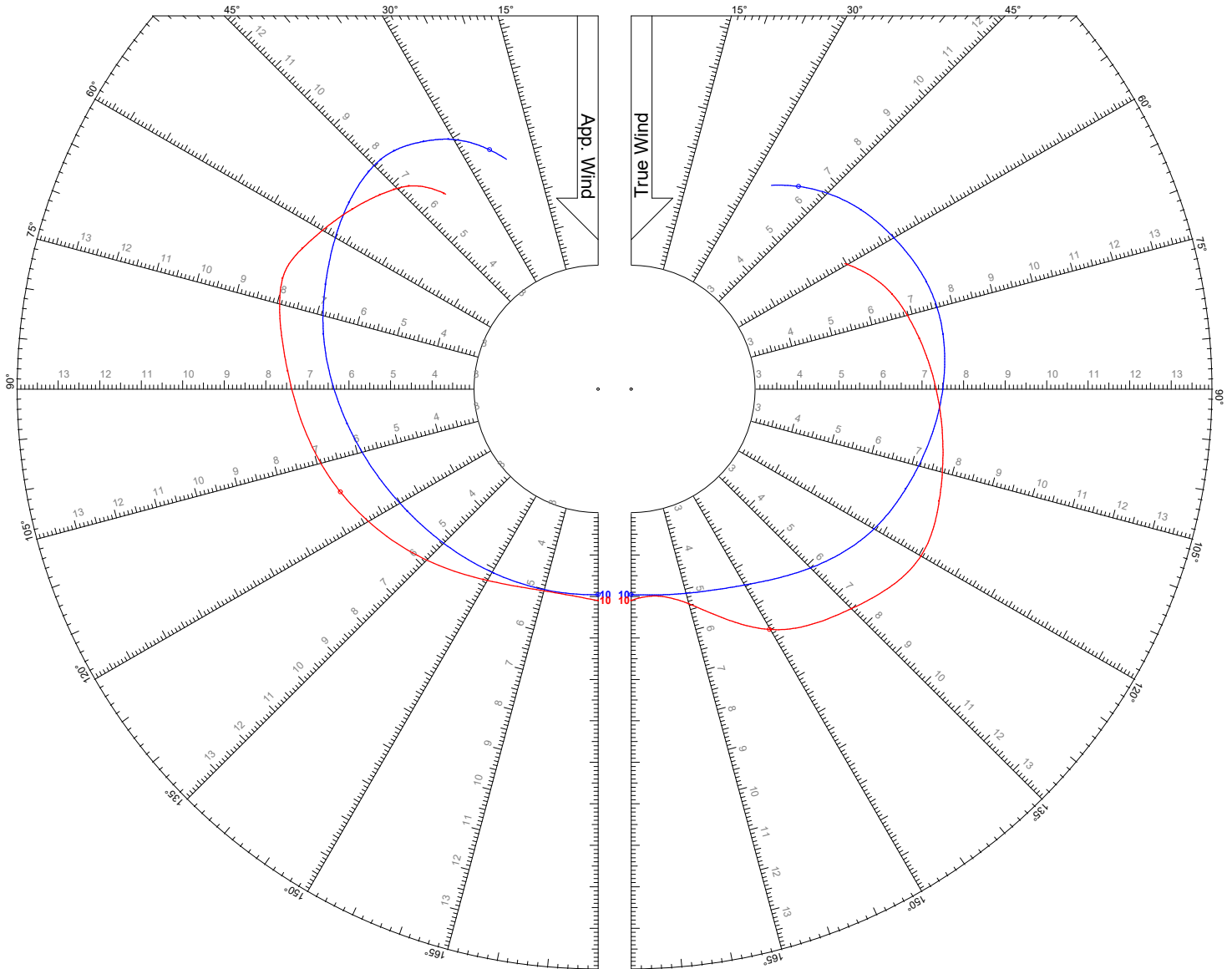
Asymmetric Spinnaker on Centerline



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Polar Plot for Boat

Name **Waarschip SB 9**
Sail Number
Class **Waarschip SB 9**
Designer **Peltzer**
Builder **NCD**
Issued On **2/15/2016 - VPP 2016 1.00**

TWS: 10 kts

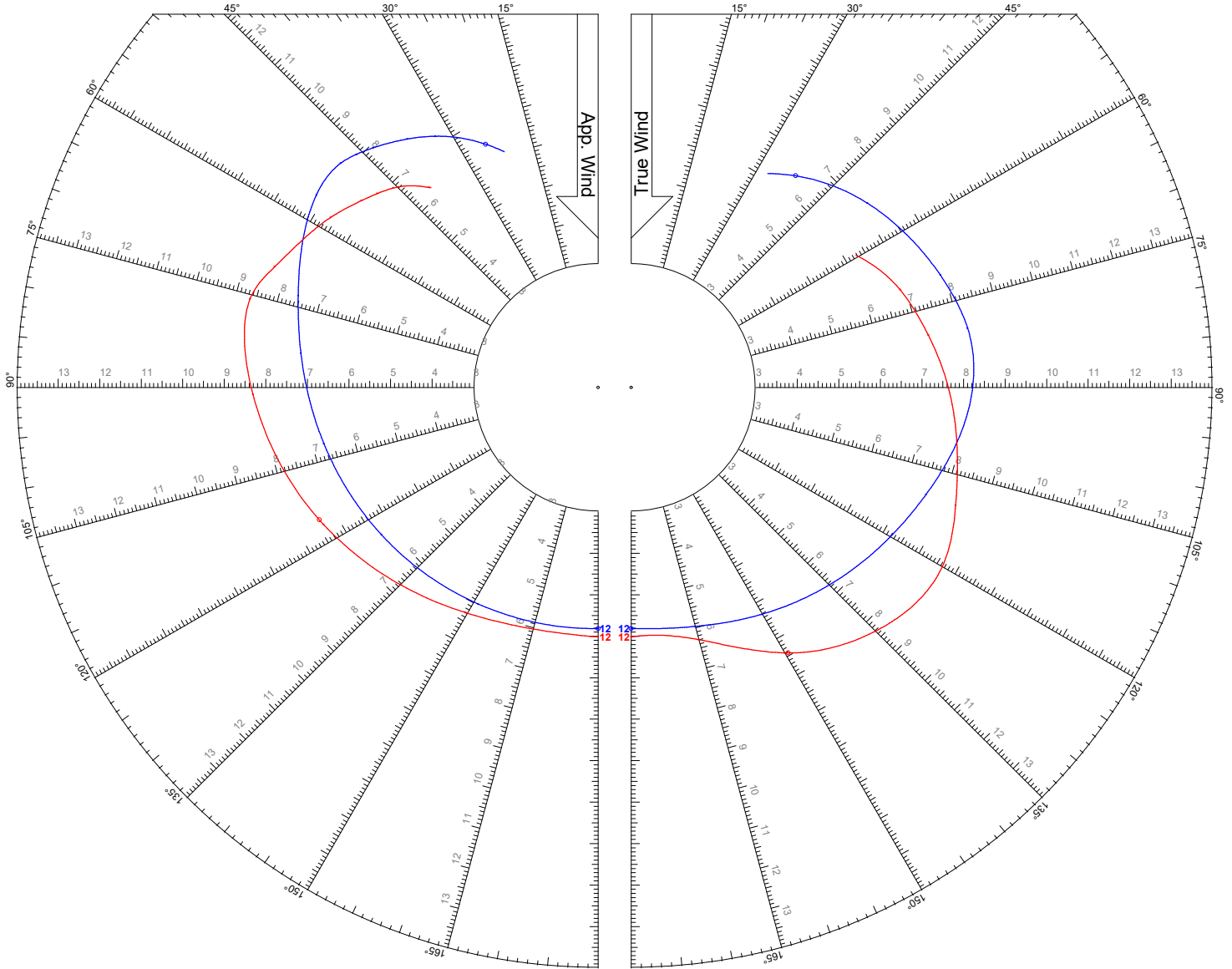
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Polar Plot for Boat	
Name	Waarschip SB 9
Sail Number	
Class	Waarschip SB 9
Designer	Peltzer
Builder	NCD
Issued On	2/15/2016 - VPP 2016 1.00

TWS: 12 kts

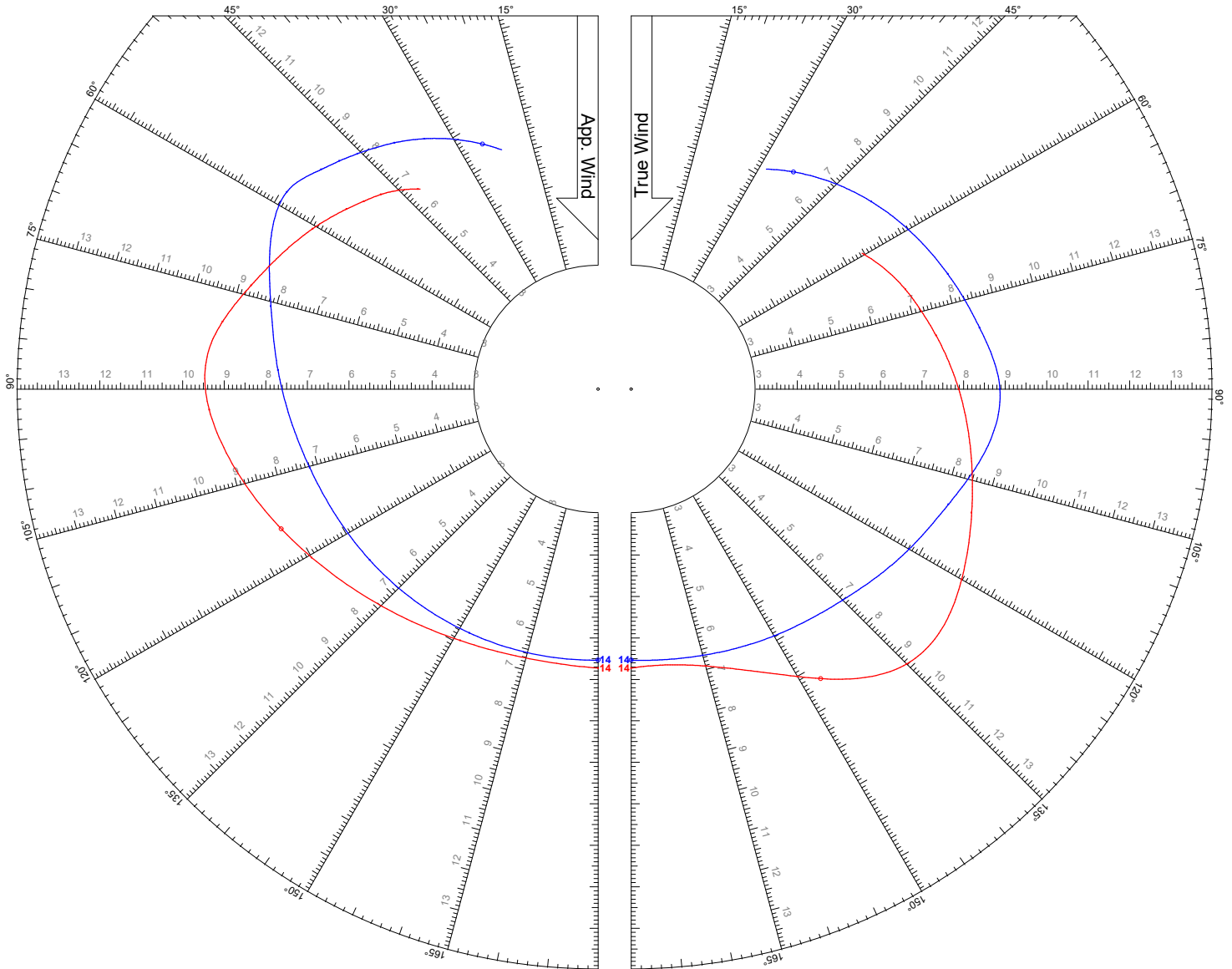
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Asymmetric Spinnaker on Centerline



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Polar Plot for Boat	
Name	Waarschip SB 9
Sail Number	
Class	Waarschip SB 9
Designer	Peltzer
Builder	NCD
Issued On	2/15/2016 - VPP 2016 1.00

TWS: 14 kts

Jib

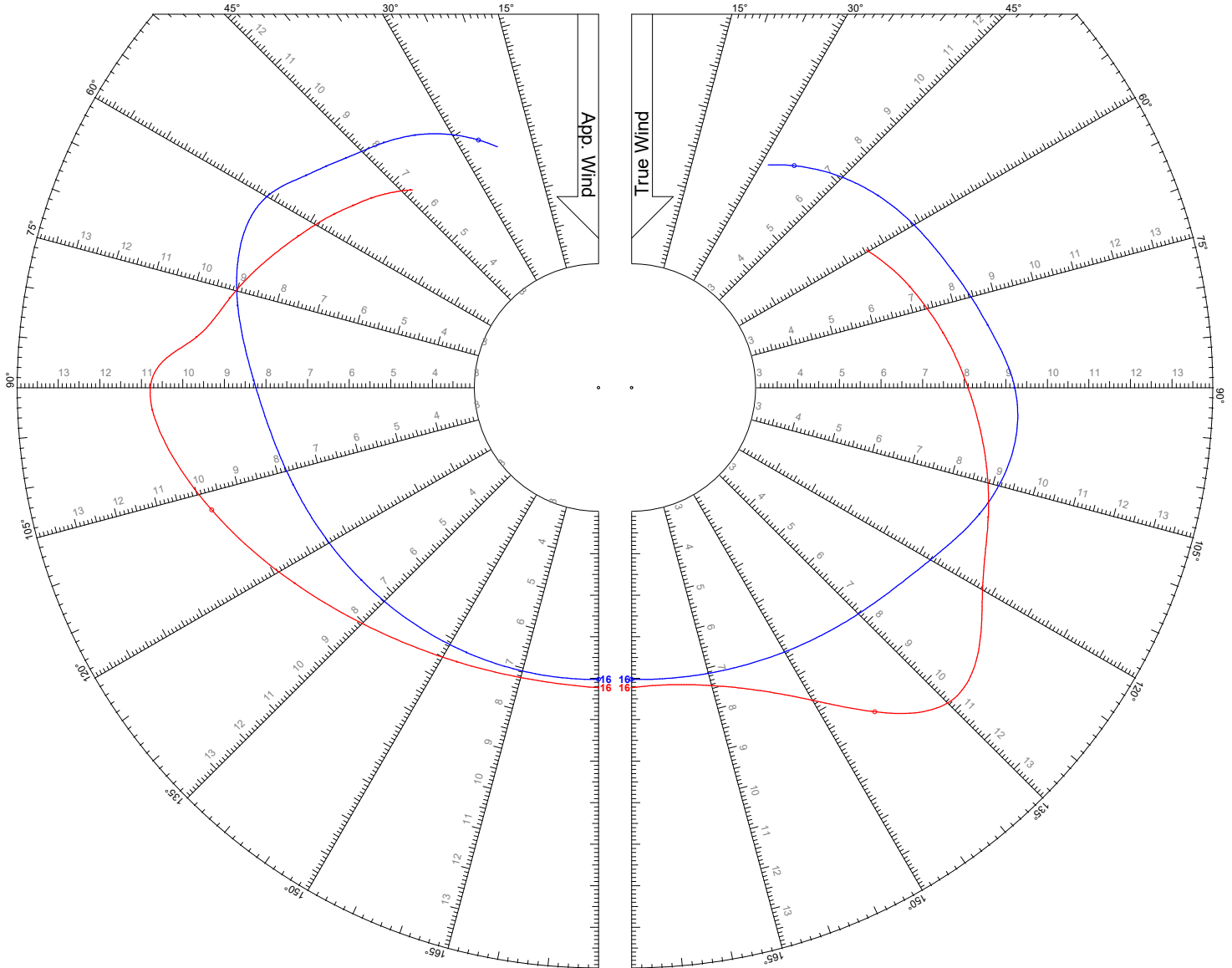
Asymmetric Spinnaker on Centerline



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Polar Plot for Boat

Name **Waarschip SB 9**
Sail Number
Class **Waarschip SB 9**
Designer **Peltzer**
Builder **NCD**
Issued On **2/15/2016 - VPP 2016 1.00**

TWS: 16 kts

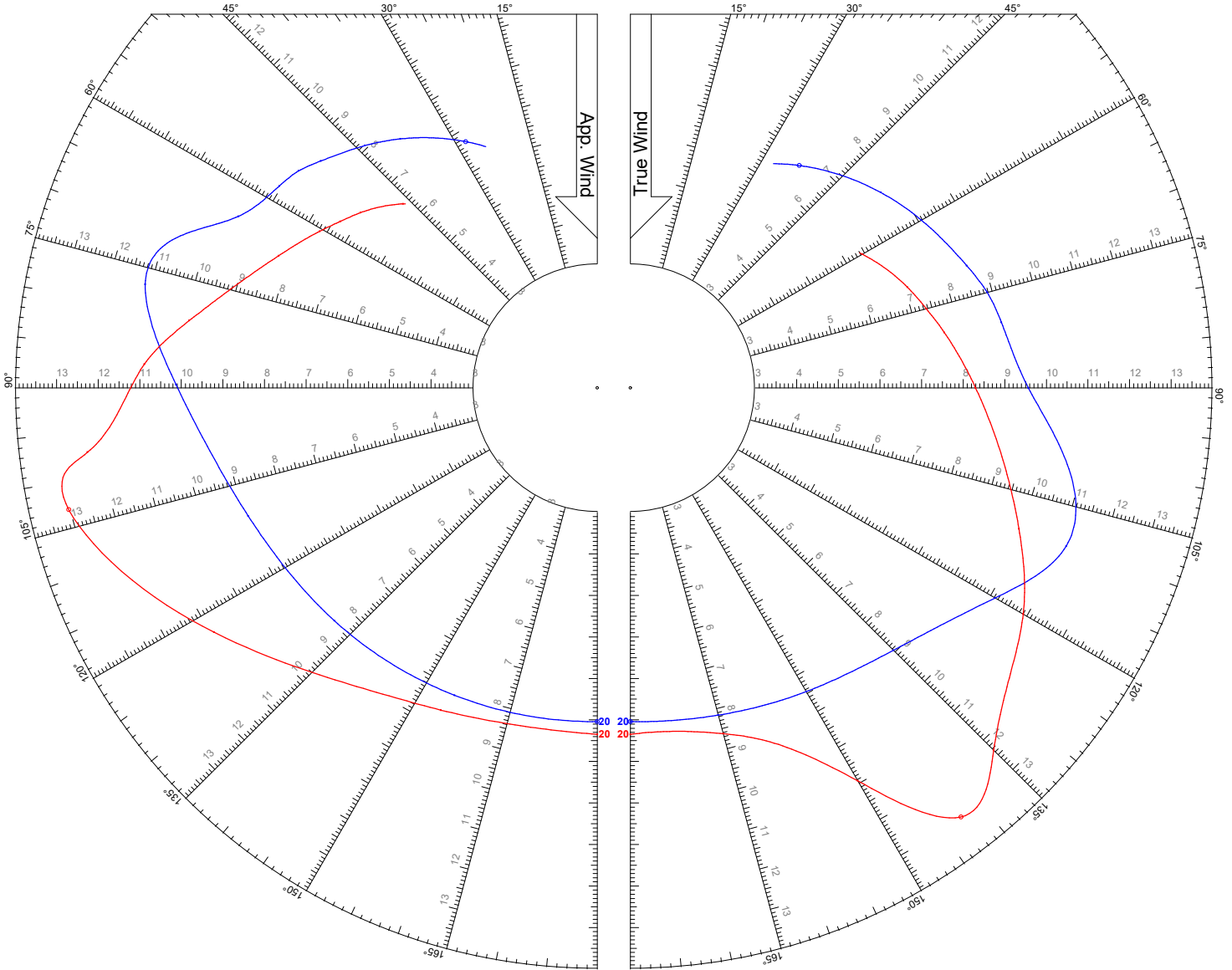
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Polar Plot for Boat

Name **Waarschip SB 9**
Sail Number
Class **Waarschip SB 9**
Designer **Peltzer**
Builder **NCD**
Issued On **2/15/2016 - VPP 2016 1.00**

TWS: 20 kts

Jib

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Polar Tables

Boat Name: **Waarschip SB 9**

Sail No:

Sail: **Best Performance**

Issued On: **2/15/2016 - VPP 2016 1.00**

TWS = 6 Kts

TWA	BTV	VMG	AWS	AWA	Heel	Reef	Flat
43.1° (b)	4.87	3.56	10.12	23.9°	4.4°	1.00	0.96
52°	5.46	3.36	10.31	27.3°	4.7°	1.00	0.99
60°	5.84	2.92	10.26	30.4°	4.8°	1.00	1.00
70°	6.11	2.09	9.92	34.6°	4.4°	1.00	1.00
75°	6.18	1.60	9.66	36.9°	4.2°	1.00	1.00
80°	6.20	1.08	9.35	39.2°	3.9°	1.00	1.00
90°	6.25	0.00	8.66	43.8°	16.5°	1.00	0.96
110°	6.34	2.17	7.09	52.7°	15.5°	1.00	0.99
120°	6.19	3.09	6.09	58.5°	14.6°	1.00	1.00
135°	5.43	3.84	4.40	74.4°	12.3°	1.00	1.00
150°	4.49	3.89	3.08	103.2°	11.5°	1.00	1.00
165°	3.36	3.24	2.89	147.5°	11.2°	1.00	1.00
180°	3.16	3.16	2.84	180.0°	11.1°	1.00	1.00
143.2° (r)	4.93	3.95	3.59	88.1°	11.8°	1.00	1.00

TWS = 8 Kts

TWA	BTV	VMG	AWS	AWA	Heel	Reef	Flat
42.4° (b)	5.94	4.38	13.01	24.5°	13.5°	1.00	0.96
52°	6.57	4.04	13.11	28.7°	15.7°	1.00	1.00
60°	6.80	3.40	12.83	32.7°	13.9°	1.00	1.00
70°	6.92	2.37	12.24	37.9°	10.6°	1.00	1.00
75°	6.95	1.80	11.88	40.6°	8.7°	1.00	1.00
80°	6.96	1.21	11.48	43.4°	6.8°	1.00	1.00
90°	7.01	0.00	10.64	48.8°	22.0°	0.97	0.86
110°	7.30	2.50	8.79	58.8°	19.0°	1.00	1.00
120°	7.17	3.59	7.62	65.4°	16.2°	1.00	1.00
135°	6.71	4.74	5.75	79.5°	13.1°	1.00	1.00
150°	5.73	4.96	4.18	106.7°	11.7°	1.00	1.00
165°	4.40	4.25	3.92	148.1°	11.3°	1.00	1.00
180°	4.17	4.17	3.83	180.0°	11.1°	1.00	1.00
145.8° (r)	6.04	4.99	4.54	97.3°	12.0°	1.00	1.00

TWS = 10 Kts

TWA	BTV	VMG	AWS	AWA	Heel	Reef	Flat
39.5° (b)	6.33	4.89	15.42	24.4°	21.3°	1.00	0.86
52°	7.02	4.32	15.35	30.9°	24.7°	1.00	0.91
60°	7.30	3.65	15.04	35.2°	24.9°	1.00	0.95
70°	7.56	2.59	14.45	40.6°	23.2°	1.00	1.00
75°	7.62	1.97	14.05	43.4°	19.4°	1.00	1.00
80°	7.62	1.32	13.58	46.5°	15.7°	1.00	1.00
90°	7.50	0.00	12.50	53.1°	8.8°	1.00	1.00
110°	7.89	2.70	10.41	64.6°	22.0°	0.94	0.93
120°	8.05	4.03	9.18	70.6°	21.1°	1.00	1.00
135°	7.49	5.30	7.08	86.6°	14.8°	1.00	1.00
150°	6.69	5.80	5.37	111.5°	12.0°	1.00	1.00
165°	5.36	5.18	5.02	149.0°	11.5°	1.00	1.00
180°	5.10	5.10	4.90	180.0°	11.2°	1.00	1.00
150.1° (r)	6.68	5.80	5.36	111.8°	12.0°	1.00	1.00

TWS = 12 Kts

TWA	BTV	VMG	AWS	AWA	Heel	Reef	Flat
37.8° (b)	6.46	5.10	17.55	24.8°	22.6°	1.00	0.70
52°	7.22	4.44	17.40	32.9°	26.1°	1.00	0.76
60°	7.55	3.77	17.07	37.5°	27.5°	1.00	0.80
70°	7.92	2.71	16.48	43.2°	28.5°	1.00	0.88
75°	8.09	2.09	16.11	46.0°	28.8°	1.00	0.93
80°	8.22	1.43	15.68	48.9°	27.2°	1.00	0.97
90°	8.22	0.00	14.55	55.6°	17.6°	1.00	1.00
110°	8.31	2.84	12.04	69.5°	22.0°	0.86	0.93
120°	8.65	4.32	10.72	75.7°	22.0°	0.95	0.94
135°	8.31	5.88	8.49	91.2°	15.7°	1.00	1.00
150°	7.39	6.40	6.71	116.6°	12.3°	1.00	1.00
165°	6.30	6.08	6.14	149.6°	11.6°	1.00	1.00
180°	6.02	6.02	5.98	180.0°	11.2°	1.00	1.00
149.5° (r)	7.43	6.40	6.75	115.4°	12.3°	1.00	1.00

TWS = 14 Kts

TWA	BTV	VMG	AWS	AWA	Heel	Reef	Flat
36.7° (b)	6.53	5.24	19.63	25.3°	21.5°	0.85	0.60
52°	7.34	4.52	19.40	34.7°	26.8°	1.00	0.64
60°	7.70	3.85	19.05	39.5°	28.4°	1.00	0.68
70°	8.11	2.77	18.42	45.6°	29.5°	1.00	0.75
75°	8.31	2.15	18.04	48.6°	29.8°	1.00	0.79
80°	8.51	1.48	17.60	51.6°	30.0°	1.00	0.85
90°	8.88	0.00	16.58	57.6°	28.5°	1.00	0.97
110°	8.72	2.98	13.73	73.4°	22.0°	0.79	0.93
120°	9.18	4.59	12.32	79.8°	22.0°	0.88	0.94
135°	9.38	6.63	9.91	93.0°	16.8°	1.00	1.00
150°	8.00	6.93	8.12	120.5°	12.6°	1.00	1.00
165°	6.91	6.68	7.54	151.3°	11.8°	1.00	1.00
180°	6.73	6.73	7.27	180.0°	11.3°	1.00	1.00
146.9° (r)	8.34	6.98	8.37	113.8°	13.1°	1.00	1.00

TWS = 16 Kts

TWA	BTV	VMG	AWS	AWA	Heel	Reef	Flat
36.2° (b)	6.63	5.35	21.70	25.8°	22.7°	0.49	0.60
52°	7.52	4.63	21.46	36.0°	24.4°	0.54	0.60
60°	7.84	3.92	21.05	41.2°	25.7°	0.76	0.60
70°	8.22	2.81	20.34	47.7°	31.2°	1.00	0.65
75°	8.45	2.19	19.94	50.8°	31.7°	1.00	0.69
80°	8.70	1.51	19.49	53.9°	32.0°	1.00	0.74
90°	9.22	0.00	18.46	60.1°	32.3°	1.00	0.87
110°	9.13	3.12	15.47	76.3°	22.0°	0.73	0.94
120°	9.75	4.87	13.97	82.8°	22.0°	0.82	0.94
135°	10.75	7.60	11.33	92.9°	21.9°	1.00	0.96
150°	8.70	7.53	9.52	122.8°	13.0°	1.00	1.00
165°	7.43	7.18	9.03	152.7°	12.1°	1.00	1.00
180°	7.23	7.23	8.77	180.0°	11.3°	1.00	1.00
143.1° (r)	9.76	7.81	10.07	107.6°	15.6°	1.00	1.00

TWS = 20 Kts

TWA	BTV	VMG	AWS	AWA	Heel	Reef	Flat
37.2° (b)	6.72	5.35	25.68	28.1°	25.8°	0.42	0.60
52°	7.64	4.70	25.43	38.3°	26.7°	0.43	0.60
60°	8.08	4.04	25.04	43.8°	30.4°	0.45	0.60
70°	8.60	2.94	24.33	50.6°	31.3°	0.48	0.60
75°	8.88	2.30	23.89	54.0°	31.6°	0.50	0.60
80°	9.06	1.57	23.34	57.5°	28.9°	0.64	0.60
90°	9.57	0.00	22.17	64.4°	34.1°	1.00	0.67
110°	11.15	3.81	19.28	77.1°	32.1°	1.00	0.97
120°	10.90	5.45	17.34	87.0°	22.1°	0.71	0.94
135°	12.35	8.73	14.26	97.2°	22.1°	0.89	0.94
150°	10.93	9.47	11.87	122.6°	15.1°	1.00	1.00
165°	8.63	8.33	11.88	154.2°	12.7°	1.00	1.00
180°	8.35	8.35	11.65	180.0°	11.4°	1.00	1.00
142.5° (r)	13.04	10.34	12.51	103.0°	21.6°	0.98	1.00



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Polar Tables

Boat Name: **Waarschip SB 9**

Sail No:

Sail: **Jib**

Issued On: **2/15/2016 - VPP 2016 1.00**

TWS = 6 Kts

TWA	BTV	VMG	AWS	AWA	Heel	Reef	Flat
43.1° (b)	4.87	3.56	9.82	23.2°	4.4°	1.00	0.96
52°	5.46	3.36	10.02	26.5°	4.7°	1.00	0.99
60°	5.84	2.92	9.98	29.5°	4.8°	1.00	1.00
70°	6.11	2.09	9.66	33.5°	4.4°	1.00	1.00
75°	6.18	1.60	9.41	35.6°	4.2°	1.00	1.00
80°	6.20	1.08	9.11	37.9°	3.9°	1.00	1.00
90°	6.15	0.00	8.37	42.8°	3.3°	1.00	1.00
110°	5.51	1.88	6.43	56.4°	2.1°	1.00	1.00
120°	4.94	2.47	5.37	67.1°	1.5°	1.00	1.00
135°	4.05	2.86	4.06	90.1°	0.8°	1.00	1.00
150°	3.46	2.99	3.23	117.6°	0.6°	1.00	1.00
165°	3.17	3.07	2.75	147.6°	0.3°	1.00	1.00
180°	3.07	3.07	2.62	180.0°	0.1°	1.00	1.00
170.6° (r)	3.11	3.07	2.67	159.5°	0.2°	1.00	1.00

TWS = 8 Kts

TWA	BTV	VMG	AWS	AWA	Heel	Reef	Flat
42.4° (b)	5.94	4.38	12.54	23.3°	13.5°	1.00	0.96
52°	6.57	4.04	12.60	27.1°	15.7°	1.00	1.00
60°	6.80	3.40	12.34	31.0°	13.9°	1.00	1.00
70°	6.92	2.37	11.81	36.3°	10.6°	1.00	1.00
75°	6.95	1.80	11.48	39.1°	8.7°	1.00	1.00
80°	6.96	1.21	11.11	41.9°	6.8°	1.00	1.00
90°	6.91	0.00	10.24	47.6°	4.6°	1.00	1.00
110°	6.53	2.23	8.14	61.2°	2.8°	1.00	1.00
120°	6.07	3.04	6.97	71.0°	2.1°	1.00	1.00
135°	5.13	3.63	5.41	93.0°	1.3°	1.00	1.00
150°	4.51	3.90	4.35	118.8°	0.9°	1.00	1.00
165°	4.18	4.04	3.72	148.1°	0.5°	1.00	1.00
180°	4.05	4.05	3.53	180.0°	0.1°	1.00	1.00
173.7° (r)	4.08	4.05	3.56	166.5°	0.3°	1.00	1.00

TWS = 10 Kts

TWA	BTV	VMG	AWS	AWA	Heel	Reef	Flat
39.5° (b)	6.33	4.89	14.66	22.3°	21.3°	1.00	0.86
52°	7.02	4.32	14.43	27.7°	24.7°	1.00	0.91
60°	7.30	3.65	14.06	31.5°	24.9°	1.00	0.95
70°	7.56	2.59	13.49	37.0°	23.2°	1.00	1.00
75°	7.62	1.97	13.22	40.5°	19.4°	1.00	1.00
80°	7.62	1.32	12.88	44.0°	15.7°	1.00	1.00
90°	7.50	0.00	12.00	51.3°	8.8°	1.00	1.00
110°	7.03	2.41	9.69	67.1°	3.4°	1.00	1.00
120°	6.75	3.37	8.48	76.5°	2.6°	1.00	1.00
135°	6.10	4.31	6.79	95.6°	1.7°	1.00	1.00
150°	5.45	4.72	5.53	120.5°	1.2°	1.00	1.00
165°	5.10	4.92	4.75	148.9°	0.8°	1.00	1.00
180°	4.96	4.96	4.52	180.0°	0.2°	1.00	1.00
180.0° (r)	4.96	4.96	4.52	180.0°	0.2°	1.00	1.00

TWS = 12 Kts

TWA	BTV	VMG	AWS	AWA	Heel	Reef	Flat
37.8° (b)	6.46	5.10	16.56	22.5°	22.6°	1.00	0.70
52°	7.22	4.44	16.16	29.3°	26.1°	1.00	0.76
60°	7.55	3.77	15.69	33.2°	27.5°	1.00	0.80
70°	7.92	2.71	14.94	38.2°	28.5°	1.00	0.88
75°	8.09	2.09	14.50	40.8°	28.8°	1.00	0.93
80°	8.22	1.43	14.14	44.0°	27.2°	1.00	0.97
90°	8.22	0.00	13.57	52.7°	17.6°	1.00	1.00
110°	7.55	2.58	11.31	71.2°	4.2°	1.00	1.00
120°	7.20	3.60	10.01	81.5°	3.1°	1.00	1.00
135°	6.74	4.76	8.22	99.6°	2.2°	1.00	1.00
150°	6.31	5.47	6.75	122.1°	1.6°	1.00	1.00
165°	5.97	5.76	5.83	149.7°	1.0°	1.00	1.00
180°	5.81	5.81	5.57	180.0°	0.3°	1.00	1.00
180.0° (r)	5.81	5.81	5.57	180.0°	0.3°	1.00	1.00

TWS = 14 Kts

TWA	BTV	VMG	AWS	AWA	Heel	Reef	Flat
36.7° (b)	6.53	5.24	18.41	23.1°	21.5°	0.85	0.60
52°	7.34	4.52	17.85	30.8°	26.8°	1.00	0.64
60°	7.70	3.85	17.29	34.9°	28.4°	1.00	0.68
70°	8.11	2.77	16.44	40.2°	29.5°	1.00	0.75
75°	8.31	2.15	15.96	43.0°	29.8°	1.00	0.79
80°	8.51	1.48	15.46	45.8°	30.0°	1.00	0.85
90°	8.88	0.00	14.52	52.3°	28.5°	1.00	0.97
110°	8.13	2.78	12.97	74.0°	5.7°	1.00	1.00
120°	7.72	3.86	11.60	84.9°	3.8°	1.00	1.00
135°	7.20	5.09	9.72	103.5°	2.7°	1.00	1.00
150°	6.87	5.95	8.14	125.1°	2.0°	1.00	1.00
165°	6.65	6.42	7.07	150.9°	1.3°	1.00	1.00
180°	6.54	6.54	6.74	180.0°	0.4°	1.00	1.00
180.0° (r)	6.54	6.54	6.74	180.0°	0.4°	1.00	1.00

TWS = 16 Kts

TWA	BTV	VMG	AWS	AWA	Heel	Reef	Flat
36.2° (b)	6.63	5.35	20.06	23.4°	22.7°	0.49	0.60
52°	7.52	4.63	19.59	32.4°	24.4°	0.54	0.60
60°	7.84	3.92	19.07	37.1°	25.7°	0.76	0.60
70°	8.22	2.81	17.81	41.8°	31.2°	1.00	0.65
75°	8.45	2.19	17.27	44.7°	31.7°	1.00	0.69
80°	8.70	1.51	16.72	47.6°	32.0°	1.00	0.74
90°	9.22	0.00	15.58	53.7°	32.3°	1.00	0.87
110°	8.90	3.04	14.49	75.2°	11.6°	1.00	1.00
120°	8.30	4.15	13.20	87.2°	4.8°	1.00	1.00
135°	7.71	5.45	11.23	106.0°	3.3°	1.00	1.00
150°	7.35	6.37	9.59	127.5°	2.4°	1.00	1.00
165°	7.13	6.88	8.50	152.5°	1.6°	1.00	1.00
180°	7.03	7.03	8.14	180.0°	0.6°	1.00	1.00
180.0° (r)	7.03	7.03	8.14	180.0°	0.6°	1.00	1.00

TWS = 20 Kts

TWA	BTV	VMG	AWS	AWA	Heel	Reef	Flat
37.2° (b)	6.72	5.35	23.20	24.9°	25.8°	0.42	0.60
52°	7.64	4.70	22.60	34.1°	26.7°	0.43	0.60
60°	8.08	4.04	21.73	38.2°	30.4°	0.45	0.60
70°	8.60	2.94	20.73	44.5°	31.3°	0.48	0.60
75°	8.88	2.30	20.18	47.7°	31.6°	0.50	0.60
80°	9.06	1.57	19.97	52.2°	28.9°	0.64	0.60
90°	9.57	0.00	18.03	58.0°	34.1°	1.00	0.67
110°	11.15	3.81	15.62	72.3°	32.1°	1.00	0.97
120°	10.12	5.06	15.97	87.8°	14.6°	1.00	1.00
135°	8.94	6.32	14.21	108.7°	5.1°	1.00	1.00
150°	8.45	7.32	12.44	130.2°	3.5°	1.00	1.00
165°	8.16	7.88	11.28	154.2°	2.3°	1.00	1.00
180°	8.04	8.04	10.92	180.0°	0.9°	1.00	1.00
180.0° (r)	8.04	8.04	10.92	180.0°	0.9°	1.00	1.00



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Polar Tables							
Boat Name: Waarschip SB 9							
Sail No:							
Sail: Asymmetric Spinnaker on CL							
Issued On: 2/15/2016 - VPP 2016 1.00							

TWS = 6 Kts							
TWA	BTV	VMG	AWS	AWA	Heel	Reef	Flat
60°	4.28	2.14	8.67	34.1°	15.1°	1.00	0.95
70°	5.18	1.77	8.88	36.2°	15.9°	1.00	0.96
75°	5.55	1.44	8.87	37.4°	16.2°	1.00	0.96
80°	5.85	1.02	8.78	38.6°	16.4°	1.00	0.96
90°	6.25	0.00	8.37	41.7°	16.5°	1.00	0.96
110°	6.34	2.17	6.83	50.4°	15.5°	1.00	0.99
120°	6.19	3.09	5.88	56.1°	14.6°	1.00	1.00
135°	5.43	3.84	4.27	73.0°	12.3°	1.00	1.00
150°	4.49	3.89	2.96	102.1°	11.5°	1.00	1.00
165°	3.36	3.24	2.74	147.1°	11.2°	1.00	1.00
180°	3.16	3.16	2.68	180.0°	11.1°	1.00	1.00
143.2° (r)	4.93	3.95	3.46	86.7°	11.8°	1.00	1.00

TWS = 8 Kts							
TWA	BTV	VMG	AWS	AWA	Heel	Reef	Flat
60°	5.49	2.75	11.31	34.2°	18.2°	1.00	0.95
70°	6.32	2.16	11.18	36.8°	21.9°	0.98	0.87
75°	6.57	1.70	10.98	38.8°	22.0°	0.96	0.86
80°	6.75	1.17	10.69	40.9°	22.0°	0.95	0.85
90°	7.01	0.00	10.00	45.5°	22.0°	0.97	0.86
110°	7.30	2.50	8.29	55.9°	19.0°	1.00	1.00
120°	7.17	3.59	7.24	62.9°	16.2°	1.00	1.00
135°	6.71	4.74	5.51	77.6°	13.1°	1.00	1.00
150°	5.73	4.96	4.00	105.7°	11.7°	1.00	1.00
165°	4.40	4.25	3.71	147.7°	11.3°	1.00	1.00
180°	4.17	4.17	3.62	180.0°	11.1°	1.00	1.00
145.8° (r)	6.04	4.99	4.36	96.1°	12.0°	1.00	1.00

TWS = 10 Kts							
TWA	BTV	VMG	AWS	AWA	Heel	Reef	Flat
60°	6.01	3.00	13.21	35.4°	21.7°	0.88	0.92
70°	6.69	2.29	12.91	39.7°	22.0°	0.84	0.85
75°	6.88	1.78	12.60	42.3°	22.0°	0.84	0.85
80°	7.04	1.22	12.26	44.9°	22.0°	0.84	0.85
90°	7.34	0.00	11.45	50.1°	22.0°	0.84	0.92
110°	7.89	2.70	9.54	61.1°	22.0°	0.94	0.93
120°	8.05	4.03	8.43	67.5°	21.1°	1.00	1.00
135°	7.49	5.30	6.65	84.5°	14.8°	1.00	1.00
150°	6.69	5.80	5.12	110.6°	12.0°	1.00	1.00
165°	5.36	5.18	4.76	148.7°	11.5°	1.00	1.00
180°	5.10	5.10	4.63	180.0°	11.2°	1.00	1.00
150.1° (r)	6.68	5.80	5.11	110.9°	12.0°	1.00	1.00

TWS = 12 Kts							
TWA	BTV	VMG	AWS	AWA	Heel	Reef	Flat
60°	6.31	3.16	15.01	37.2°	21.8°	0.78	0.86
70°	6.89	2.36	14.53	42.4°	22.0°	0.75	0.85
75°	7.08	1.83	14.18	45.2°	22.0°	0.75	0.85
80°	7.26	1.26	13.78	48.1°	22.0°	0.74	0.92
90°	7.63	0.00	12.93	53.8°	21.9°	0.76	0.92
110°	8.31	2.84	10.87	66.0°	22.0°	0.86	0.93
120°	8.65	4.32	9.69	72.6°	22.0°	0.95	0.94
135°	8.31	5.88	7.90	89.3°	15.7°	1.00	1.00
150°	7.39	6.40	6.28	115.2°	12.3°	1.00	1.00
165°	6.30	6.08	5.75	149.1°	11.6°	1.00	1.00
180°	6.02	6.02	5.61	180.0°	11.2°	1.00	1.00
149.5° (r)	7.43	6.40	6.32	114.1°	12.3°	1.00	1.00

TWS = 14 Kts							
TWA	BTV	VMG	AWS	AWA	Heel	Reef	Flat
60°	6.48	3.24	16.69	38.9°	21.8°	0.70	0.85
70°	7.02	2.40	16.11	44.6°	22.0°	0.68	0.85
75°	7.23	1.87	15.71	47.6°	22.1°	0.67	0.92
80°	7.45	1.29	15.32	50.7°	22.0°	0.67	0.92
90°	7.88	0.00	14.41	56.8°	22.0°	0.69	0.93
110°	8.72	2.98	12.24	69.9°	22.0°	0.79	0.93
120°	9.18	4.59	10.99	76.7°	22.0°	0.88	0.94
135°	9.38	6.63	9.17	91.2°	16.8°	1.00	1.00
150°	8.00	6.93	7.60	119.5°	12.6°	1.00	1.00
165°	6.91	6.68	7.05	150.9°	11.8°	1.00	1.00
180°	6.73	6.73	6.80	180.0°	11.3°	1.00	1.00
146.9° (r)	8.34	6.98	7.82	112.6°	13.1°	1.00	1.00

TWS = 16 Kts							
TWA	BTV	VMG	AWS	AWA	Heel	Reef	Flat
60°	6.57	3.29	18.31	40.4°	21.9°	0.64	0.84
70°	7.12	2.44	17.68	46.5°	22.0°	0.63	0.86
75°	7.36	1.90	17.26	49.7°	22.0°	0.62	0.92
80°	7.61	1.32	16.85	52.9°	22.0°	0.62	0.92
90°	8.09	0.00	15.90	59.4°	22.0°	0.64	0.93
110°	9.13	3.12	13.64	72.9°	22.0°	0.73	0.94
120°	9.75	4.87	12.33	79.8°	22.0°	0.82	0.94
135°	10.75	7.60	10.11	90.9°	21.9°	1.00	0.96
150°	8.70	7.53	8.89	122.0°	13.0°	1.00	1.00
165°	7.43	7.18	8.47	152.5°	12.1°	1.00	1.00
180°	7.23	7.23	8.23	180.0°	11.3°	1.00	1.00
143.1° (r)	9.76	7.81	9.32	106.3°	15.6°	1.00	1.00

TWS = 20 Kts							
TWA	BTV	VMG	AWS	AWA	Heel	Reef	Flat
60°	6.44	3.22	21.47	43.3°	22.2°	0.61	0.63
70°	7.09	2.42	20.80	50.0°	22.5°	0.61	0.62
75°	7.36	1.91	20.41	53.6°	22.3°	0.61	0.62
80°	7.66	1.33	19.95	57.0°	22.3°	0.61	0.63
90°	8.30	0.00	18.92	64.0°	22.3°	0.61	0.71
110°	9.94	3.40	16.48	77.3°	22.0°	0.64	0.94
120°	10.90	5.45	15.05	84.0°	22.1°	0.71	0.94
135°	12.35	8.73	12.52	95.1°	22.1°	0.89	0.94
150°	10.93	9.47	10.99	121.9°	15.1°	1.00	1.00
165°	8.63	8.33	11.17	154.1°	12.7°	1.00	1.00
180°	8.35	8.35	10.97	180.0°	11.4°	1.00	1.00
142.5° (r)	13.04	10.34	11.12	101.4°	21.6°	0.98	1.00