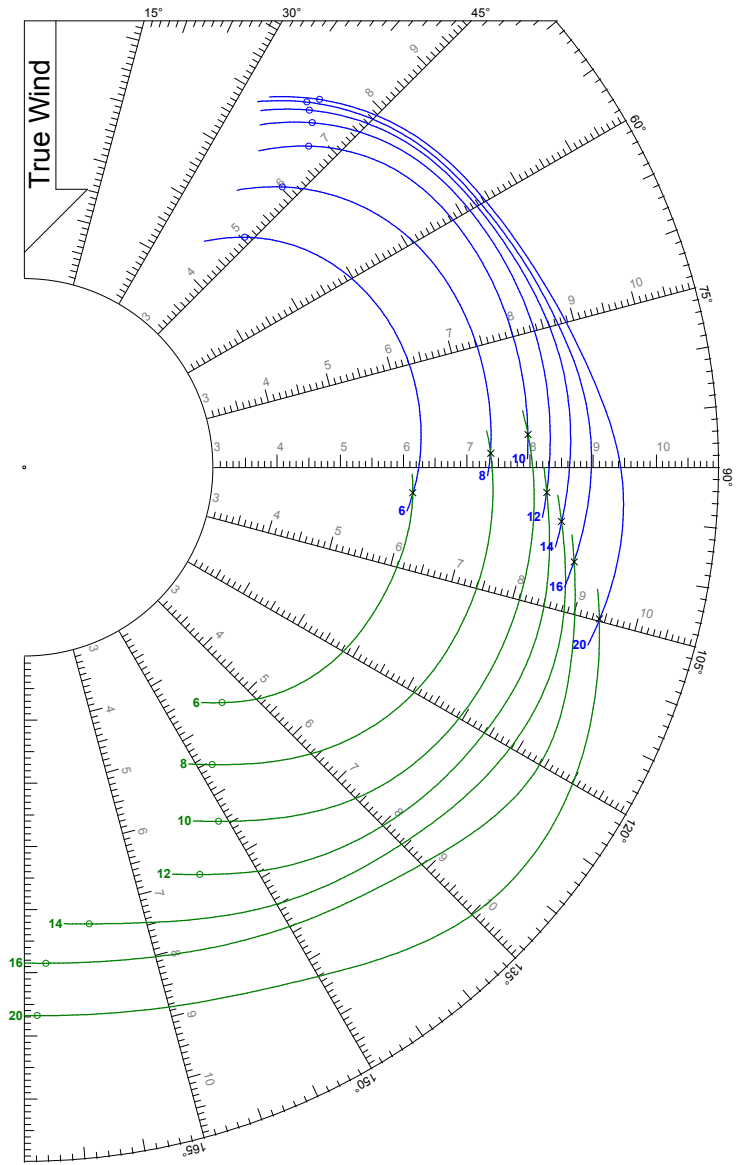
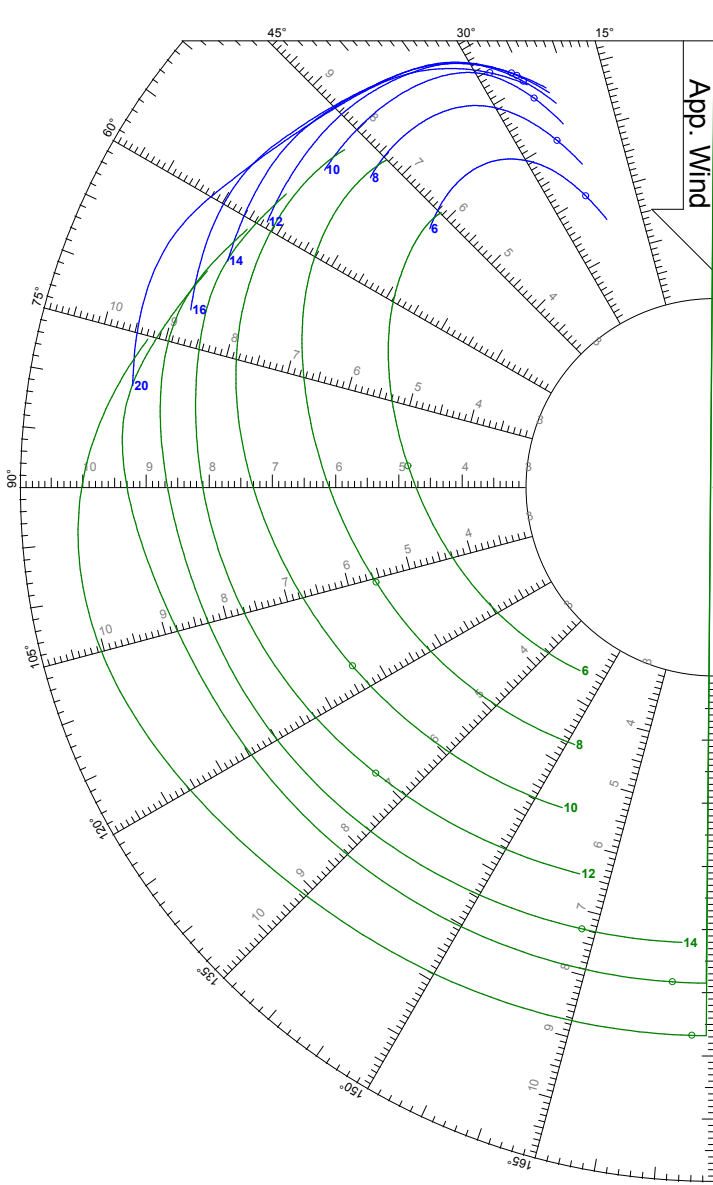


SPEED GUIDE

DEEP KEEL CARBON SYMMETRIC



Polar Plot for Boat	
Name	Dehler42
Class	DEHLER 42
Designer	JUDEL/VROLIJK
Builder	DEHLER
Issued On	31.07.2015 - VPP 2015 1.01

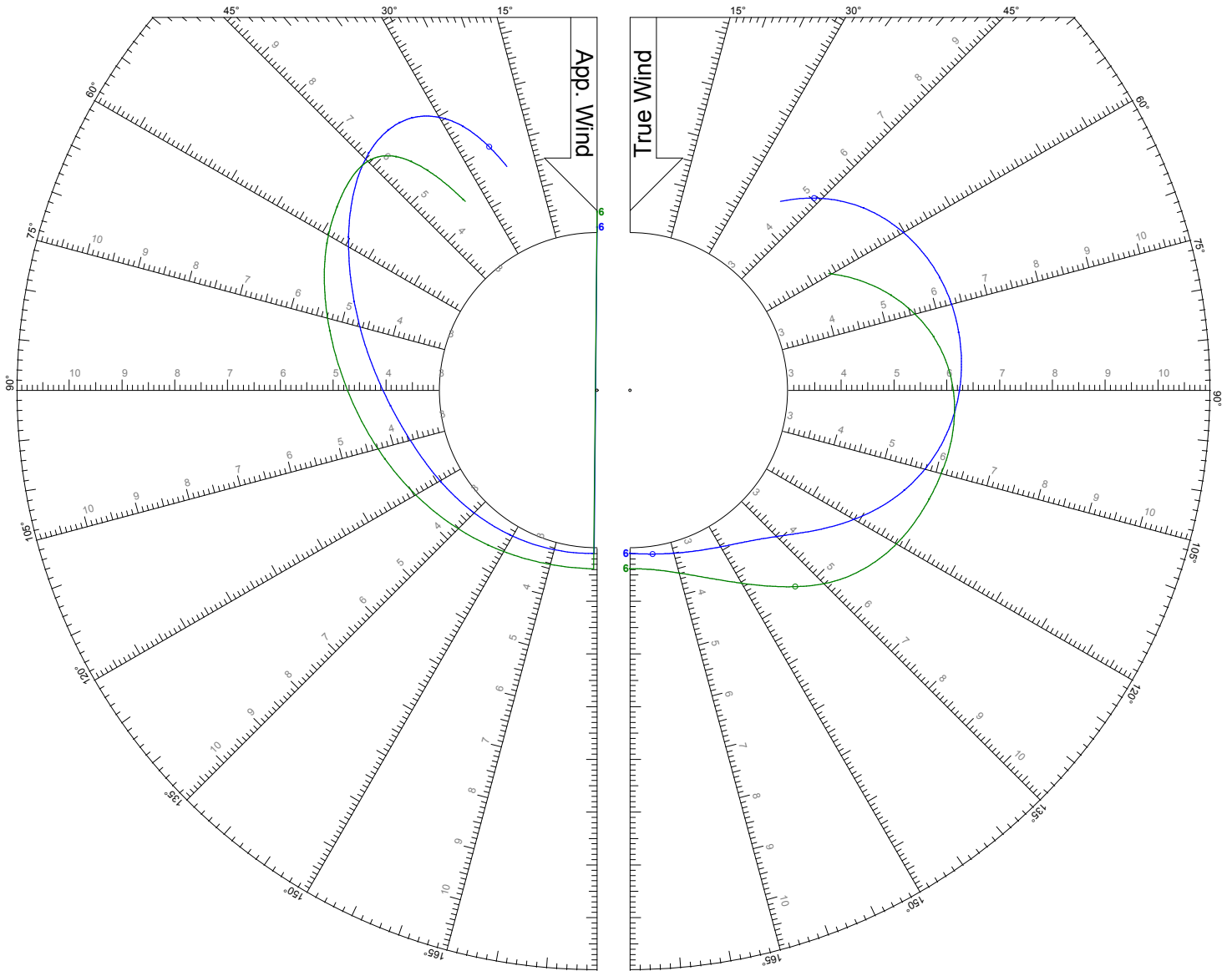
TWS: 6, 8, 10, 12, 14, 16, 20 kts

Jib

Symmetric Spinnaker

SPEED GUIDE

DEEP KEEL CARBON SYMMETRIC



Polar Plot for Boat

Name **Dehler42**
Class **DEHLER 42**
Designer **JUDEL/VROLIJK**
Builder **DEHLER**
Issued On **31.07.2015 - VPP 2015 1.01**

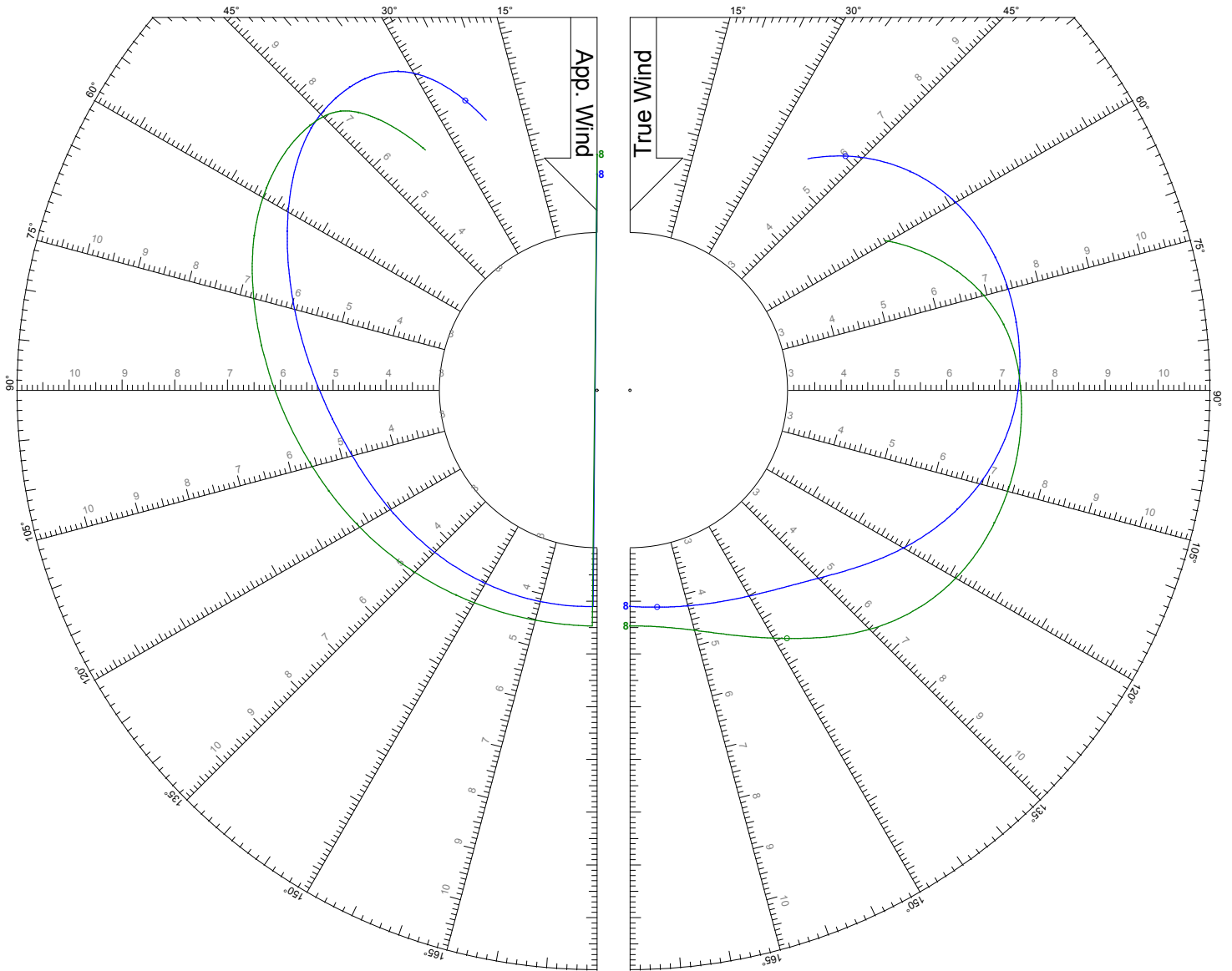
TWS: 6 kts

Jib

Symmetric Spinnaker

SPEED GUIDE

DEEP KEEL CARBON SYMMETRIC



Polar Plot for Boat

Name **Dehler42**
Class **DEHLER 42**
Designer **JUDEL/VROLIJK**
Builder **DEHLER**
Issued On **31.07.2015 - VPP 2015 1.01**

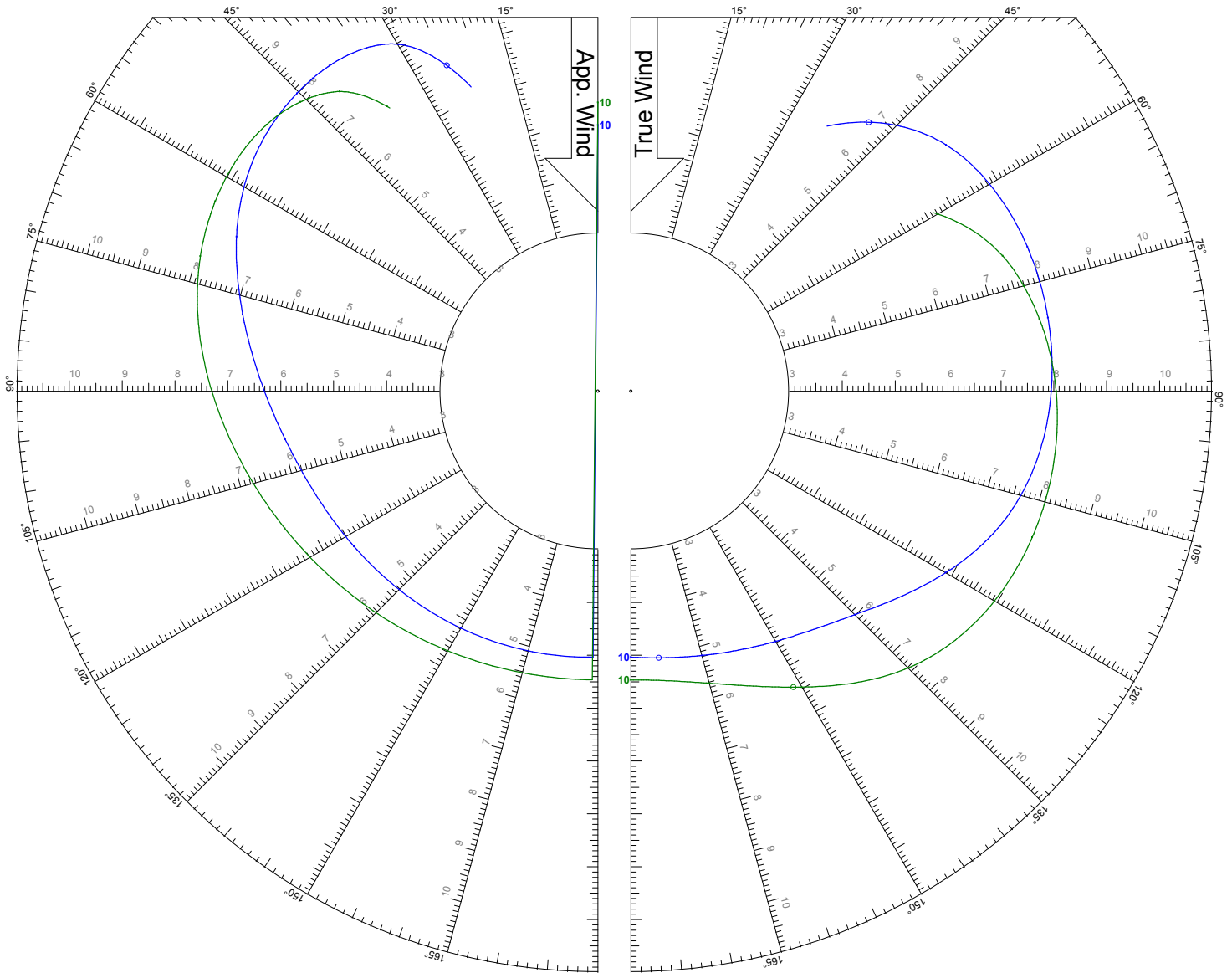
TWS: 8 kts

Jib

Symmetric Spinnaker

SPEED GUIDE

DEEP KEEL CARBON SYMMETRIC

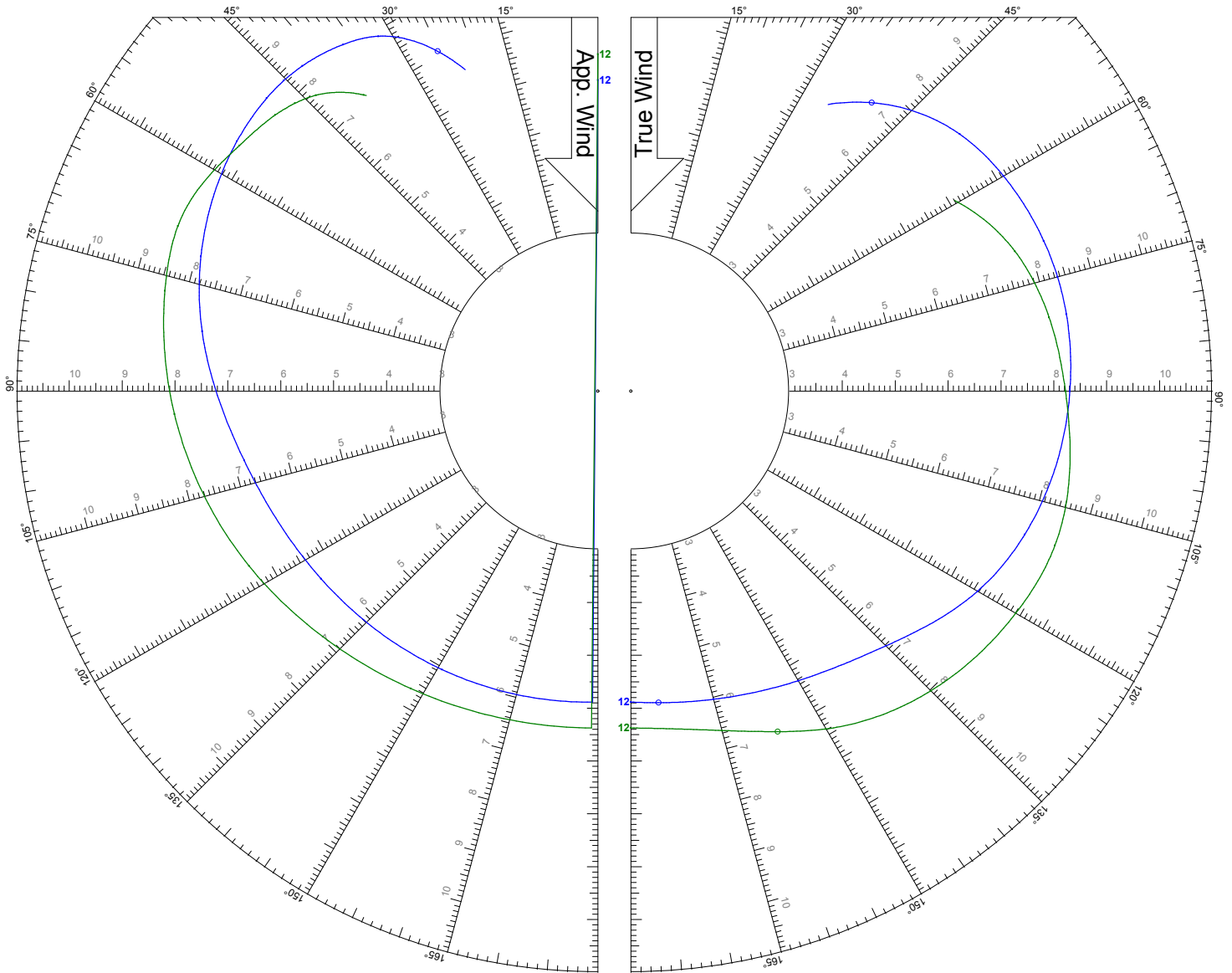


Polar Plot for Boat
Name **Dehler42**
Class **DEHLER 42**
Designer **JUDEL/VROLIJK**
Builder **DEHLER**
Issued On **31.07.2015 - VPP 2015 1.01**

TWS: 10 kts
Jib
Symmetric Spinnaker

SPEED GUIDE

DEEP KEEL CARBON SYMMETRIC



Polar Plot for Boat
Name **Dehler42**
Class **DEHLER 42**
Designer **JUDEL/VROLIJK**
Builder **DEHLER**
Issued On **31.07.2015 - VPP 2015 1.01**

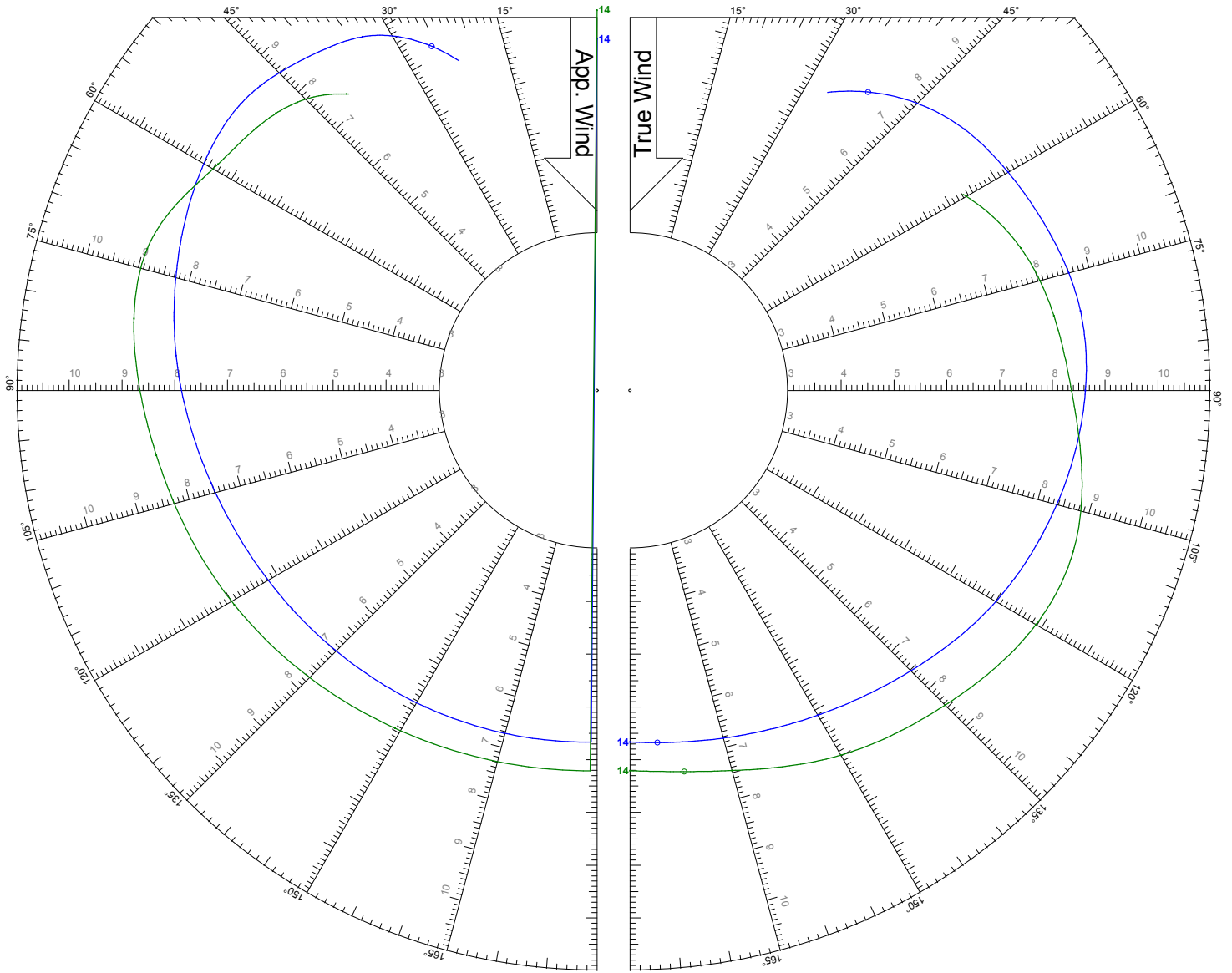
TWS: 12 kts

Jib

Symmetric Spinnaker

SPEED GUIDE

DEEP KEEL CARBON SYMMETRIC

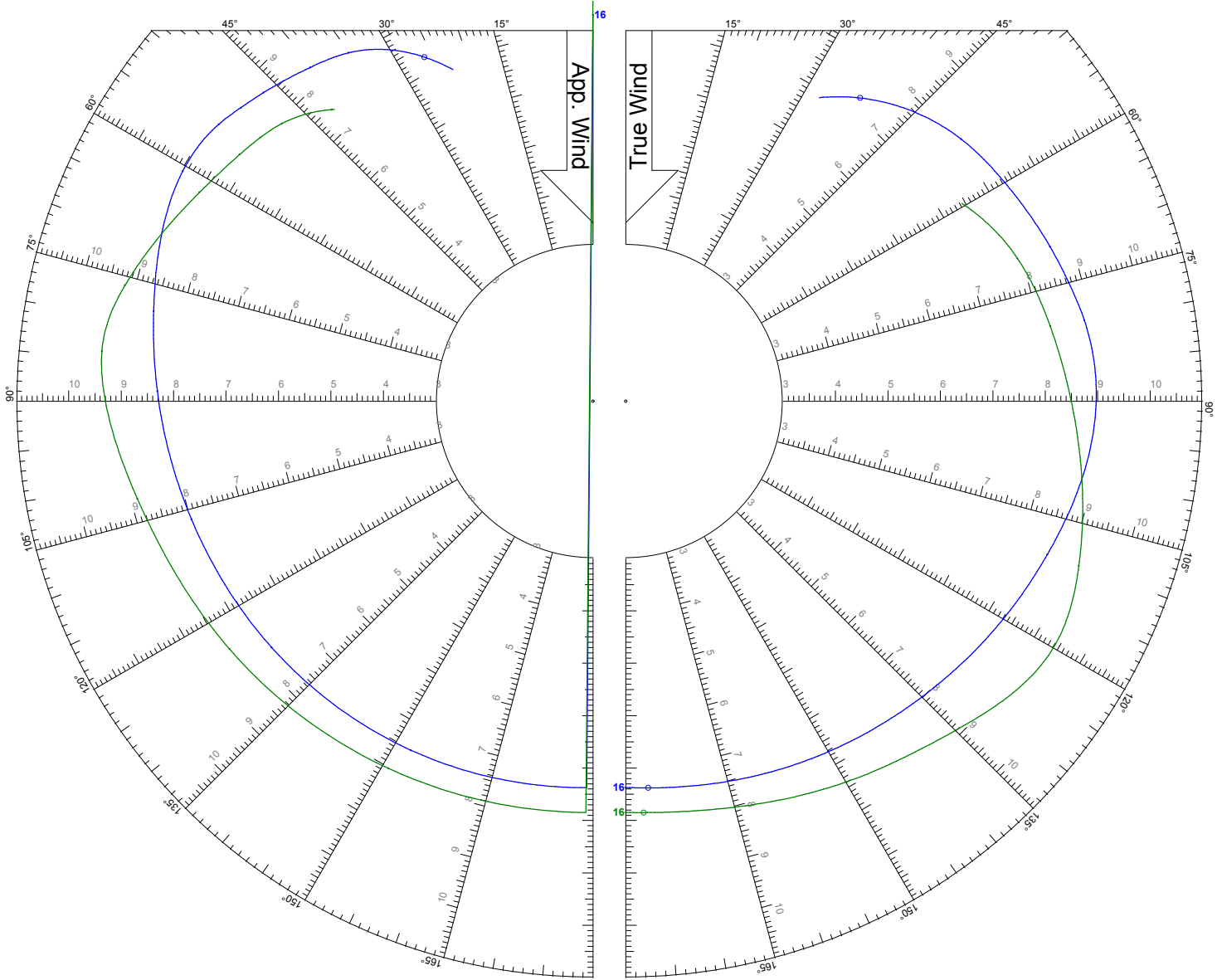


Polar Plot for Boat
Name **Dehler42**
Class **DEHLER 42**
Designer **JUDEL/VROLIJK**
Builder **DEHLER**
Issued On **31.07.2015 - VPP 2015 1.01**

TWS: 14 kts
Jib
Symmetric Spinnaker

SPEED GUIDE

DEEP KEEL CARBON SYMMETRIC

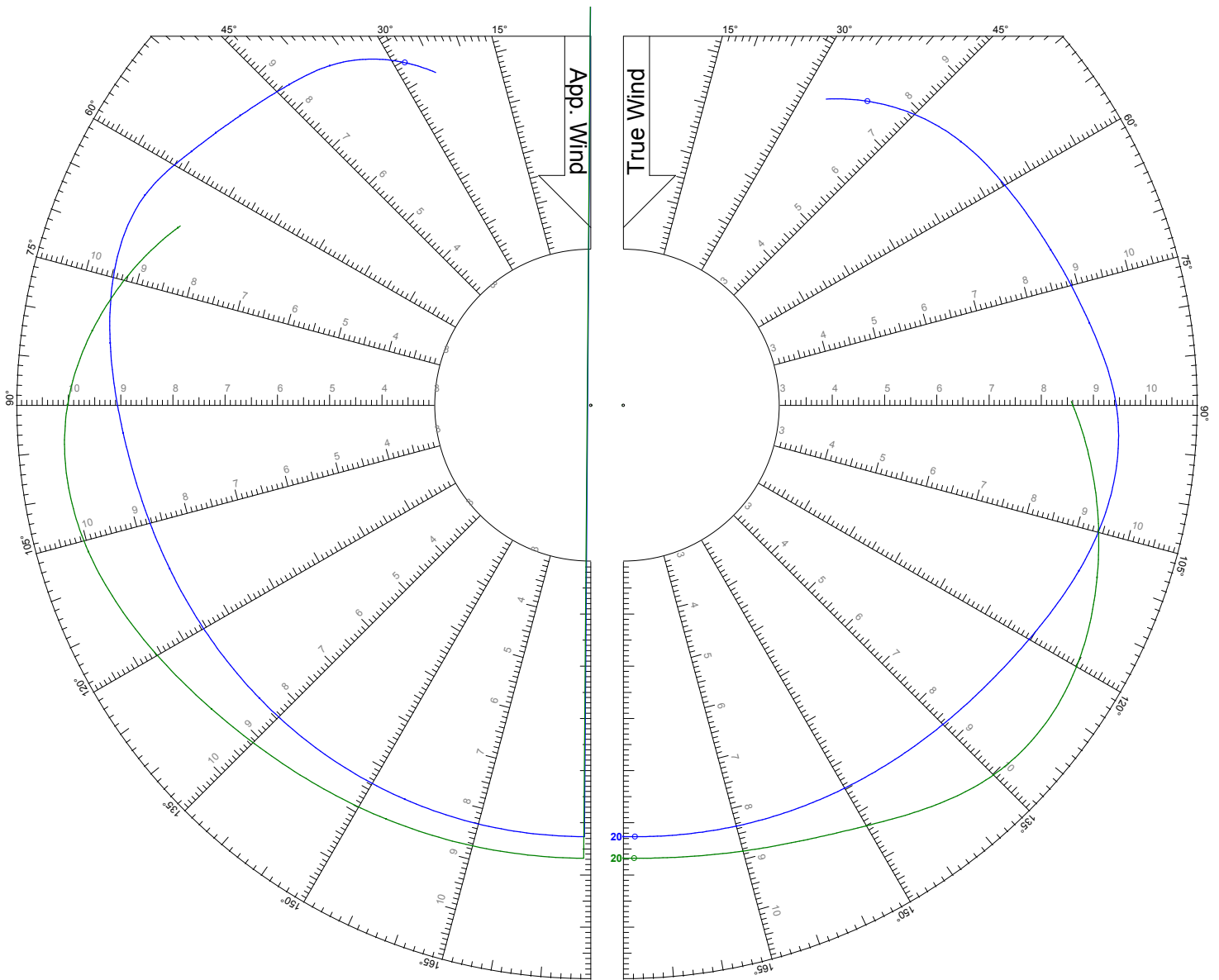


Polar Plot for Boat
Name **Dehler42**
Class **DEHLER 42**
Designer **JUDEL/VROLIJK**
Builder **DEHLER**
Issued On **31.07.2015 - VPP 2015 1.01**

TWS: 16 kts
Jib
Symmetric Spinnaker

SPEED GUIDE

DEEP KEEL CARBON SYMMETRIC



Polar Plot for Boat

Name **Dehler42**
Class **DEHLER 42**
Designer **JUDEL/VROLIJK**
Builder **DEHLER**
Issued On **31.07.2015 - VPP 2015 1.01**

TWS: 20 kts

Jib

Symmetric Spinnaker

SPEED GUIDE

DEEP KEEL CARBON SYMMETRIC



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Polar Tables

Boat Name: **Dehler42**

Sail: **Best Performance**

Issued On: **31.07.2015 - VPP 2015 1.01**

TWS = 6 Kts

TWA	BTV	VMG	AWS	AWA	Heel	Reef	Flat
43.8° (b)	5.05	3.64	10.26	23.9°	4.5°	1.00	0.96
52°	5.61	3.46	10.44	26.9°	4.8°	1.00	0.97
60°	5.98	2.99	10.38	30.1°	4.8°	1.00	1.00
70°	6.24	2.14	10.03	34.2°	4.4°	1.00	1.00
75°	6.30	1.63	9.76	36.4°	4.2°	1.00	1.00
80°	6.32	1.10	9.44	38.7°	3.9°	1.00	1.00
90°	6.24	0.00	8.66	43.9°	3.2°	1.00	1.00
110°	6.03	2.06	6.90	54.8°	11.7°	1.00	1.00
120°	5.83	2.91	5.92	61.5°	11.0°	1.00	1.00
135°	5.19	3.67	4.35	77.4°	8.3°	1.00	1.00
150°	4.22	3.66	3.15	107.9°	6.6°	1.00	1.00
165°	3.59	3.46	2.70	144.9°	6.0°	1.00	1.00
180°	3.39	3.39	2.61	0.0°	5.7°	1.00	1.00
139.9° (r)	4.87	3.72	3.87	86.0°	7.5°	1.00	1.00

TWS = 8 Kts

TWA	BTV	VMG	AWS	AWA	Heel	Reef	Flat
42.6° (b)	6.03	4.44	13.09	24.4°	10.0°	1.00	0.95
52°	6.74	4.15	13.26	28.4°	10.9°	1.00	0.98
60°	7.12	3.56	13.10	31.9°	10.8°	1.00	1.00
70°	7.36	2.52	12.59	36.7°	9.0°	1.00	1.00
75°	7.42	1.92	12.23	39.2°	7.9°	1.00	1.00
80°	7.43	1.29	11.82	41.8°	6.7°	1.00	1.00
90°	7.40	0.00	10.90	47.2°	16.2°	1.00	1.00
110°	7.35	2.51	8.82	58.5°	13.6°	1.00	1.00
120°	7.13	3.56	7.60	65.7°	12.1°	1.00	1.00
135°	6.41	4.53	5.71	82.4°	10.0°	1.00	1.00
150°	5.43	4.70	4.27	110.6°	7.3°	1.00	1.00
165°	4.71	4.55	3.66	145.5°	6.3°	1.00	1.00
180°	4.47	4.47	3.53	0.0°	5.8°	1.00	1.00
147.7° (r)	5.57	4.71	4.44	105.6°	7.6°	1.00	1.00

TWS = 10 Kts

TWA	BTV	VMG	AWS	AWA	Heel	Reef	Flat
41.5° (b)	6.79	5.09	15.74	24.9°	18.7°	1.00	0.94
52°	7.57	4.66	15.82	29.9°	19.6°	1.00	0.96
60°	7.83	3.92	15.48	34.0°	19.0°	1.00	1.00
70°	7.98	2.73	14.78	39.5°	15.4°	1.00	1.00
75°	8.01	2.07	14.34	42.4°	13.4°	1.00	1.00
80°	8.01	1.39	13.86	45.3°	11.4°	1.00	1.00
90°	8.04	0.00	12.83	51.2°	21.7°	1.00	0.96
110°	8.08	2.76	10.49	63.6°	16.0°	1.00	1.00
120°	7.94	3.97	9.15	71.2°	13.2°	1.00	1.00
135°	7.41	5.24	7.08	87.3°	11.0°	1.00	1.00
150°	6.47	5.60	5.46	113.7°	8.2°	1.00	1.00
165°	5.72	5.53	4.71	146.7°	6.6°	1.00	1.00
180°	5.46	5.46	4.54	0.0°	5.9°	1.00	1.00
151.2° (r)	6.39	5.60	5.37	116.3°	8.0°	1.00	1.00

TWS = 12 Kts

TWA	BTV	VMG	AWS	AWA	Heel	Reef	Flat
39.9° (b)	7.11	5.46	18.04	25.2°	22.8°	1.00	0.82
52°	7.90	4.86	17.97	31.7°	25.2°	1.00	0.88
60°	8.14	4.07	17.55	36.3°	25.7°	1.00	0.94
70°	8.31	2.84	16.77	42.2°	22.9°	1.00	0.99
75°	8.36	2.16	16.30	45.3°	20.1°	1.00	1.00
80°	8.37	1.45	15.77	48.5°	16.9°	1.00	1.00
90°	8.30	0.00	14.59	55.3°	11.1°	1.00	1.00
110°	8.54	2.92	12.12	68.5°	18.0°	1.00	1.00
120°	8.41	4.20	10.67	77.0°	15.2°	1.00	1.00
135°	8.02	5.67	8.50	93.1°	11.7°	1.00	1.00
150°	7.38	6.39	6.71	116.6°	9.2°	1.00	1.00
165°	6.65	6.42	5.84	147.9°	7.1°	1.00	1.00
180°	6.38	6.38	5.62	0.0°	6.0°	1.00	1.00
156.7° (r)	7.02	6.44	6.21	130.1°	8.0°	1.00	1.00

TWS = 14 Kts

TWA	BTV	VMG	AWS	AWA	Heel	Reef	Flat
38.6° (b)	7.23	5.66	20.17	25.6°	23.7°	1.00	0.69
52°	8.04	4.95	19.98	33.5°	26.5°	1.00	0.75
60°	8.27	4.13	19.50	38.5°	27.2°	1.00	0.81
70°	8.50	2.91	18.70	44.7°	28.0°	1.00	0.91
75°	8.60	2.23	18.23	47.9°	26.3°	1.00	0.96
80°	8.66	1.50	17.70	51.2°	24.5°	1.00	1.00
90°	8.63	0.00	16.44	58.4°	15.5°	1.00	1.00
110°	8.93	3.06	13.79	72.5°	22.0°	1.00	0.94
120°	8.88	4.44	12.27	81.2°	16.5°	1.00	1.00
135°	8.44	5.97	10.01	98.4°	12.4°	1.00	1.00
150°	7.98	6.91	8.13	120.6°	10.4°	1.00	1.00
165°	7.46	7.21	7.06	149.1°	7.6°	1.00	1.00
180°	7.21	7.21	6.79	0.0°	6.1°	1.00	1.00
171.9° (r)	7.30	7.23	6.85	163.3°	6.8°	1.00	1.00

TWS = 16 Kts

TWA	BTV	VMG	AWS	AWA	Heel	Reef	Flat
37.7° (b)	7.31	5.78	22.24	26.1°	24.0°	1.00	0.58
52°	8.12	5.00	21.95	35.1°	26.9°	1.00	0.64
60°	8.35	4.17	21.43	40.3°	27.9°	1.00	0.70
70°	8.61	2.95	20.60	46.9°	28.8°	1.00	0.80
75°	8.75	2.26	20.12	50.2°	29.0°	1.00	0.86
80°	8.88	1.54	19.60	53.5°	29.1°	1.00	0.93
90°	8.97	0.00	18.34	60.7°	21.5°	1.00	1.00
110°	9.20	3.15	15.49	76.1°	22.0°	0.93	0.94
120°	9.42	4.71	13.93	84.2°	20.4°	1.00	1.00
135°	8.89	6.28	11.57	102.1°	13.5°	1.00	1.00
150°	8.39	7.27	9.69	124.3°	11.1°	1.00	1.00
165°	8.02	7.75	8.51	150.9°	8.3°	1.00	1.00
180°	7.85	7.85	8.15	0.0°	6.3°	1.00	1.00
177.5° (r)	7.86	7.85	8.16	175.1°	6.5°	1.00	1.00

TWS = 20 Kts

TWA	BTV	VMG	AWS	AWA	Heel	Reef	Flat
38.7° (b)	7.47	5.83	26.24	28.5°	24.8°	0.57	0.57
52°	8.20	5.05	25.87	37.5°	26.9°	0.72	0.57
60°	8.43	4.22	25.29	43.2°	27.0°	0.84	0.57
70°	8.71	2.98	24.39	50.4°	29.6°	1.00	0.61
75°	8.88	2.30	23.89	54.0°	30.3°	1.00	0.67
80°	9.06	1.57	23.35	57.5°	30.9°	1.00	0.74
90°	9.44	0.00	22.11	64.7°	31.5°	1.00	0.91
110°	9.65	3.30	19.00	81.5°	22.0°	0.83	0.94
120°	10.02	5.01	17.32	89.9°	22.0°	0.92	0.95
135°	10.02	7.08	14.73	106.3°	16.5°	1.00	1.00
150°	9.30	8.06	12.82	128.7°	12.2°	1.00	1.00
165°	8.84	8.54	11.69	153.7°	10.1°	1.00	1.00
180°	8.68	8.68	11.32	0.0°	6.7°	1.00	1.00
178.6° (r)	8.68	8.68	11.32	177.6°	6.9°	1.00	1.00



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Polar Tables

Boat Name: **Dehler42**

Sail: **Jib**

Issued On: **31.07.2015 - VPP 2015 1.01**

TWS = 6 Kts

TWA	BTV	VMG	AWS	AWA	Heel	Reef	Flat
43.8° (b)	5.05	3.64	10.15	23.6°	4.5°	1.00	0.96
52°	5.61	3.46	10.33	26.6°	4.8°	1.00	0.97
60°	5.98	2.99	10.27	29.7°	4.8°	1.00	1.00
70°	6.24	2.14	9.93	33.8°	4.4°	1.00	1.00
75°	6.30	1.63	9.67	35.9°	4.2°	1.00	1.00
80°	6.32	1.10	9.35	38.2°	3.9°	1.00	1.00
90°	6.24	0.00	8.58	43.3°	3.2°	1.00	1.00
110°	5.53	1.89	6.56	57.6°	1.9°	1.00	1.00
120°	4.90	2.45	5.46	69.1°	1.2°	1.00	1.00
135°	3.92	2.77	4.18	93.4°	0.7°	1.00	1.00
150°	3.43	2.97	3.39	119.6°	0.4°	1.00	1.00
165°	3.20	3.09	2.92	148.6°	0.3°	1.00	1.00
180°	3.09	3.09	2.80	180.0°	0.1°	1.00	1.00
172.2° (r)	3.13	3.11	2.82	163.4°	0.2°	1.00	1.00

TWS = 8 Kts

TWA	BTV	VMG	AWS	AWA	Heel	Reef	Flat
42.6° (b)	6.03	4.44	12.91	23.9°	10.0°	1.00	0.95
52°	6.74	4.15	13.06	27.7°	10.9°	1.00	0.98
60°	7.12	3.56	12.90	31.1°	10.8°	1.00	1.00
70°	7.36	2.52	12.41	35.9°	9.0°	1.00	1.00
75°	7.42	1.92	12.07	38.5°	7.9°	1.00	1.00
80°	7.43	1.29	11.67	41.1°	6.7°	1.00	1.00
90°	7.35	0.00	10.74	46.8°	4.7°	1.00	1.00
110°	6.60	2.26	8.35	62.1°	2.6°	1.00	1.00
120°	5.98	2.99	7.11	73.2°	1.8°	1.00	1.00
135°	5.04	3.57	5.58	95.3°	1.0°	1.00	1.00
150°	4.51	3.90	4.55	120.3°	0.7°	1.00	1.00
165°	4.23	4.09	3.93	148.8°	0.4°	1.00	1.00
180°	4.10	4.10	3.76	180.0°	0.1°	1.00	1.00
172.9° (r)	4.15	4.11	3.78	165.1°	0.3°	1.00	1.00

TWS = 10 Kts

TWA	BTV	VMG	AWS	AWA	Heel	Reef	Flat
41.5° (b)	6.79	5.09	15.36	23.5°	18.7°	1.00	0.94
52°	7.57	4.66	15.37	28.1°	19.6°	1.00	0.96
60°	7.83	3.92	15.00	32.1°	19.0°	1.00	1.00
70°	7.98	2.73	14.37	38.0°	15.4°	1.00	1.00
75°	8.01	2.07	13.99	41.1°	13.4°	1.00	1.00
80°	8.01	1.39	13.55	44.2°	11.4°	1.00	1.00
90°	7.95	0.00	12.56	50.7°	7.5°	1.00	1.00
110°	7.43	2.54	10.08	66.1°	3.3°	1.00	1.00
120°	6.88	3.44	8.72	77.0°	2.3°	1.00	1.00
135°	5.99	4.23	7.01	97.9°	1.5°	1.00	1.00
150°	5.47	4.74	5.78	121.7°	1.1°	1.00	1.00
165°	5.18	5.00	5.00	149.5°	0.7°	1.00	1.00
180°	5.03	5.03	4.79	180.0°	0.2°	1.00	1.00
174.0° (r)	5.08	5.05	4.81	167.6°	0.4°	1.00	1.00

TWS = 12 Kts

TWA	BTV	VMG	AWS	AWA	Heel	Reef	Flat
39.9° (b)	7.11	5.46	17.46	23.2°	22.8°	1.00	0.82
52°	7.90	4.86	17.18	28.8°	25.2°	1.00	0.88
60°	8.14	4.07	16.63	33.0°	25.7°	1.00	0.94
70°	8.31	2.84	15.90	39.3°	22.9°	1.00	0.99
75°	8.36	2.16	15.55	43.0°	20.1°	1.00	1.00
80°	8.37	1.45	15.16	46.7°	16.9°	1.00	1.00
90°	8.30	0.00	14.22	54.3°	11.1°	1.00	1.00
110°	7.93	2.71	11.71	70.6°	4.0°	1.00	1.00
120°	7.57	3.79	10.33	80.6°	2.9°	1.00	1.00
135°	6.82	4.82	8.47	100.3°	2.0°	1.00	1.00
150°	6.33	5.48	7.06	123.4°	1.5°	1.00	1.00
165°	6.04	5.83	6.16	150.3°	0.9°	1.00	1.00
180°	5.88	5.88	5.91	180.0°	0.2°	1.00	1.00
174.9° (r)	5.92	5.90	5.92	169.8°	0.5°	1.00	1.00

TWS = 14 Kts

TWA	BTV	VMG	AWS	AWA	Heel	Reef	Flat
38.6° (b)	7.23	5.66	19.46	23.5°	23.7°	1.00	0.69
52°	8.04	4.95	18.95	30.2°	26.5°	1.00	0.75
60°	8.27	4.13	18.28	34.7°	27.2°	1.00	0.81
70°	8.50	2.91	17.26	40.5°	28.0°	1.00	0.91
75°	8.60	2.23	16.85	44.1°	26.3°	1.00	0.96
80°	8.66	1.50	16.41	47.8°	24.5°	1.00	1.00
90°	8.63	0.00	15.76	56.8°	15.5°	1.00	1.00
110°	8.26	2.82	13.35	74.6°	5.0°	1.00	1.00
120°	8.00	4.00	11.94	84.6°	3.6°	1.00	1.00
135°	7.52	5.32	9.96	102.8°	2.5°	1.00	1.00
150°	7.11	6.16	8.38	124.9°	1.9°	1.00	1.00
165°	6.82	6.59	7.38	151.2°	1.2°	1.00	1.00
180°	6.67	6.67	7.09	180.0°	0.3°	1.00	1.00
175.6° (r)	6.70	6.68	7.10	171.4°	0.6°	1.00	1.00

TWS = 16 Kts

TWA	BTV	VMG	AWS	AWA	Heel	Reef	Flat
37.7° (b)	7.31	5.78	21.41	23.9°	24.0°	1.00	0.58
52°	8.12	5.00	20.72	31.6°	26.9°	1.00	0.64
60°	8.35	4.17	19.95	36.3°	27.9°	1.00	0.70
70°	8.61	2.95	18.82	42.4°	28.8°	1.00	0.80
75°	8.75	2.26	18.21	45.6°	29.0°	1.00	0.86
80°	8.88	1.54	17.59	48.9°	29.1°	1.00	0.93
90°	8.97	0.00	17.03	58.2°	21.5°	1.00	1.00
110°	8.55	2.93	14.98	77.7°	7.2°	1.00	1.00
120°	8.31	4.16	13.57	88.1°	4.5°	1.00	1.00
135°	7.98	5.64	11.53	105.8°	3.2°	1.00	1.00
150°	7.72	6.69	9.81	126.9°	2.4°	1.00	1.00
165°	7.51	7.25	8.68	152.1°	1.5°	1.00	1.00
180°	7.37	7.37	8.35	180.0°	0.4°	1.00	1.00
176.7° (r)	7.39	7.38	8.35	173.7°	0.7°	1.00	1.00

TWS = 20 Kts

TWA	BTV	VMG	AWS	AWA	Heel	Reef	Flat
38.7° (b)	7.47	5.83	24.01	25.5°	24.8°	0.57	0.57
52°	8.20	5.05	23.58	33.6°	26.9°	0.72	0.57
60°	8.43	4.22	23.08	39.2°	27.0°	0.84	0.57
70°	8.71	2.98	21.95	45.8°	29.6°	1.00	0.61
75°	8.88	2.30	21.20	49.2°	30.3°	1.00	0.67
80°	9.06	1.57	20.44	52.7°	30.9°	1.00	0.74
90°	9.44	0.00	18.91	60.1°	31.5°	1.00	0.91
110°	9.28	3.17	18.01	81.7°	14.1°	1.00	1.00
120°	8.97	4.48	16.80	92.9°	8.9°	1.00	1.00
135°	8.65	6.12	14.79	110.7°	5.2°	1.00	1.00
150°	8.47	7.34	13.00	131.1°	3.6°	1.00	1.00
165°	8.35	8.06	11.78	154.5°	2.3°	1.00	1.00
180°	8.26	8.26	11.39	180.0°	0.7°	1.00	1.00
178.5° (r)	8.27	8.27	11.39	177.3°	0.9°	1.00	1.00

SPEED GUIDE

DEEP KEEL CARBON SYMMETRIC



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Polar Tables

Boat Name: **Dehler42**

Sail: **Symmetric Spinnaker**

Issued On: **31.07.2015 - VPP 2015 1.01**

TWS = 6 Kts

TWA	BTV	VMG	AWS	AWA	Heel	Reef	Flat
60°	4.41	2.21	9.00	34.5°	11.7°	1.00	0.97
70°	5.26	1.80	9.16	37.0°	12.4°	1.00	0.97
75°	5.59	1.45	9.11	38.4°	12.6°	1.00	0.98
80°	5.84	1.01	8.98	40.0°	12.8°	1.00	0.98
90°	6.12	0.00	8.47	43.7°	12.8°	1.00	1.00
110°	6.03	2.06	6.81	54.3°	11.7°	1.00	1.00
120°	5.83	2.91	5.84	61.1°	11.0°	1.00	1.00
135°	5.19	3.67	4.31	77.5°	8.3°	1.00	1.00
150°	4.22	3.66	3.15	108.3°	6.6°	1.00	1.00
165°	3.59	3.46	2.72	145.2°	6.0°	1.00	1.00
180°	3.39	3.39	2.64	180.0°	5.7°	1.00	1.00
139.9° (r)	4.87	3.72	3.85	86.2°	7.5°	1.00	1.00

TWS = 8 Kts

TWA	BTV	VMG	AWS	AWA	Heel	Reef	Flat
60°	5.65	2.83	11.75	34.8°	14.7°	1.00	0.97
70°	6.60	2.26	11.80	37.7°	16.0°	1.00	0.97
75°	6.94	1.80	11.66	39.4°	16.4°	1.00	0.98
80°	7.19	1.25	11.42	41.3°	16.6°	1.00	0.98
90°	7.40	0.00	10.66	46.0°	16.2°	1.00	1.00
110°	7.35	2.51	8.64	57.8°	13.6°	1.00	1.00
120°	7.13	3.56	7.47	65.3°	12.1°	1.00	1.00
135°	6.41	4.53	5.63	82.4°	10.0°	1.00	1.00
150°	5.43	4.70	4.26	111.0°	7.3°	1.00	1.00
165°	4.71	4.55	3.68	145.8°	6.3°	1.00	1.00
180°	4.47	4.47	3.56	180.0°	5.8°	1.00	1.00
147.7° (r)	5.57	4.71	4.42	106.0°	7.6°	1.00	1.00

TWS = 10 Kts

TWA	BTV	VMG	AWS	AWA	Heel	Reef	Flat
60°	6.70	3.35	14.27	35.0°	18.5°	1.00	0.96
70°	7.48	2.56	13.88	38.4°	22.3°	0.98	0.92
75°	7.69	1.99	13.55	40.8°	22.2°	0.97	0.92
80°	7.85	1.36	13.16	43.4°	22.2°	0.98	0.93
90°	8.04	0.00	12.25	48.9°	21.7°	1.00	0.96
110°	8.08	2.76	10.16	62.7°	16.0°	1.00	1.00
120°	7.94	3.97	8.93	70.8°	13.2°	1.00	1.00
135°	7.41	5.24	6.96	87.3°	11.0°	1.00	1.00
150°	6.47	5.60	5.44	114.1°	8.2°	1.00	1.00
165°	5.72	5.53	4.74	147.0°	6.6°	1.00	1.00
180°	5.46	5.46	4.58	180.0°	5.9°	1.00	1.00
151.2° (r)	6.39	5.60	5.35	116.7°	8.0°	1.00	1.00

TWS = 12 Kts

TWA	BTV	VMG	AWS	AWA	Heel	Reef	Flat
60°	7.15	3.57	16.10	35.9°	22.2°	0.92	0.93
70°	7.73	2.64	15.55	41.0°	22.2°	0.88	0.92
75°	7.91	2.05	15.15	43.8°	22.2°	0.88	0.93
80°	8.03	1.40	14.70	46.8°	22.2°	0.89	0.93
90°	8.22	0.00	13.67	53.0°	22.1°	0.92	0.93
110°	8.54	2.92	11.58	67.4°	18.0°	1.00	1.00
120°	8.41	4.20	10.31	76.5°	15.2°	1.00	1.00
135°	8.02	5.67	8.34	93.3°	11.7°	1.00	1.00
150°	7.38	6.39	6.67	117.1°	9.2°	1.00	1.00
165°	6.65	6.42	5.87	148.2°	7.1°	1.00	1.00
180°	6.38	6.38	5.67	180.0°	6.0°	1.00	1.00
156.7° (r)	7.02	6.44	6.21	130.6°	8.0°	1.00	1.00

TWS = 14 Kts

TWA	BTV	VMG	AWS	AWA	Heel	Reef	Flat
60°	7.36	3.68	17.84	37.6°	22.2°	0.83	0.92
70°	7.88	2.69	17.20	43.3°	22.3°	0.82	0.87
75°	8.04	2.08	16.73	46.4°	22.2°	0.81	0.93
80°	8.15	1.42	16.23	49.7°	22.1°	0.82	0.93
90°	8.36	0.00	15.13	56.4°	22.1°	0.84	0.93
110°	8.93	3.06	12.82	71.0°	22.0°	1.00	0.94
120°	8.88	4.44	11.76	80.8°	16.5°	1.00	1.00
135°	8.44	5.97	9.79	98.7°	12.4°	1.00	1.00
150°	7.98	6.91	8.06	121.1°	10.4°	1.00	1.00
165°	7.46	7.21	7.09	149.5°	7.6°	1.00	1.00
180°	7.21	7.21	6.85	180.0°	6.1°	1.00	1.00
171.9° (r)	7.30	7.23	6.90	163.4°	6.8°	1.00	1.00

TWS = 16 Kts

TWA	BTV	VMG	AWS	AWA	Heel	Reef	Flat
60°	7.47	3.73	19.57	39.1°	22.5°	0.79	0.80
70°	7.95	2.72	18.83	45.4°	22.5°	0.79	0.79
75°	8.10	2.10	18.34	48.7°	22.4°	0.79	0.81
80°	8.22	1.43	17.79	52.2°	22.3°	0.79	0.83
90°	8.50	0.00	16.63	59.3°	22.1°	0.79	0.91
110°	9.20	3.15	14.25	74.5°	22.0°	0.93	0.94
120°	9.42	4.71	13.00	83.6°	20.4°	1.00	1.00
135°	8.89	6.28	11.27	102.5°	13.5°	1.00	1.00
150°	8.39	7.27	9.59	124.9°	11.1°	1.00	1.00
165°	8.02	7.75	8.54	151.2°	8.3°	1.00	1.00
180°	7.85	7.85	8.21	180.0°	6.3°	1.00	1.00
177.5° (r)	7.86	7.85	8.22	175.2°	6.5°	1.00	1.00

TWS = 20 Kts

TWA	BTV	VMG	AWS	AWA	Heel	Reef	Flat
60°	-0.01	-0.01	17.76	57.3°	26.2°	0.79	0.60
70°	-0.01	0.00	17.49	68.0°	26.2°	0.79	0.60
75°	-0.01	0.00	17.39	73.4°	26.2°	0.79	0.60
80°	-0.01	0.00	17.31	78.9°	26.2°	0.79	0.60
90°	8.61	0.00	19.81	64.2°	22.4°	0.79	0.65
110°	9.65	3.30	17.16	79.9°	22.0°	0.83	0.94
120°	10.02	5.01	15.79	89.3°	22.0°	0.92	0.95
135°	10.02	7.08	14.15	106.9°	16.5°	1.00	1.00
150°	9.30	8.06	12.67	129.4°	12.2°	1.00	1.00
165°	8.84	8.54	11.70	154.1°	10.1°	1.00	1.00
180°	8.68	8.68	11.40	180.0°	6.7°	1.00	1.00
178.6° (r)	8.68	8.68	11.40	177.6°	6.9°	1.00	1.00