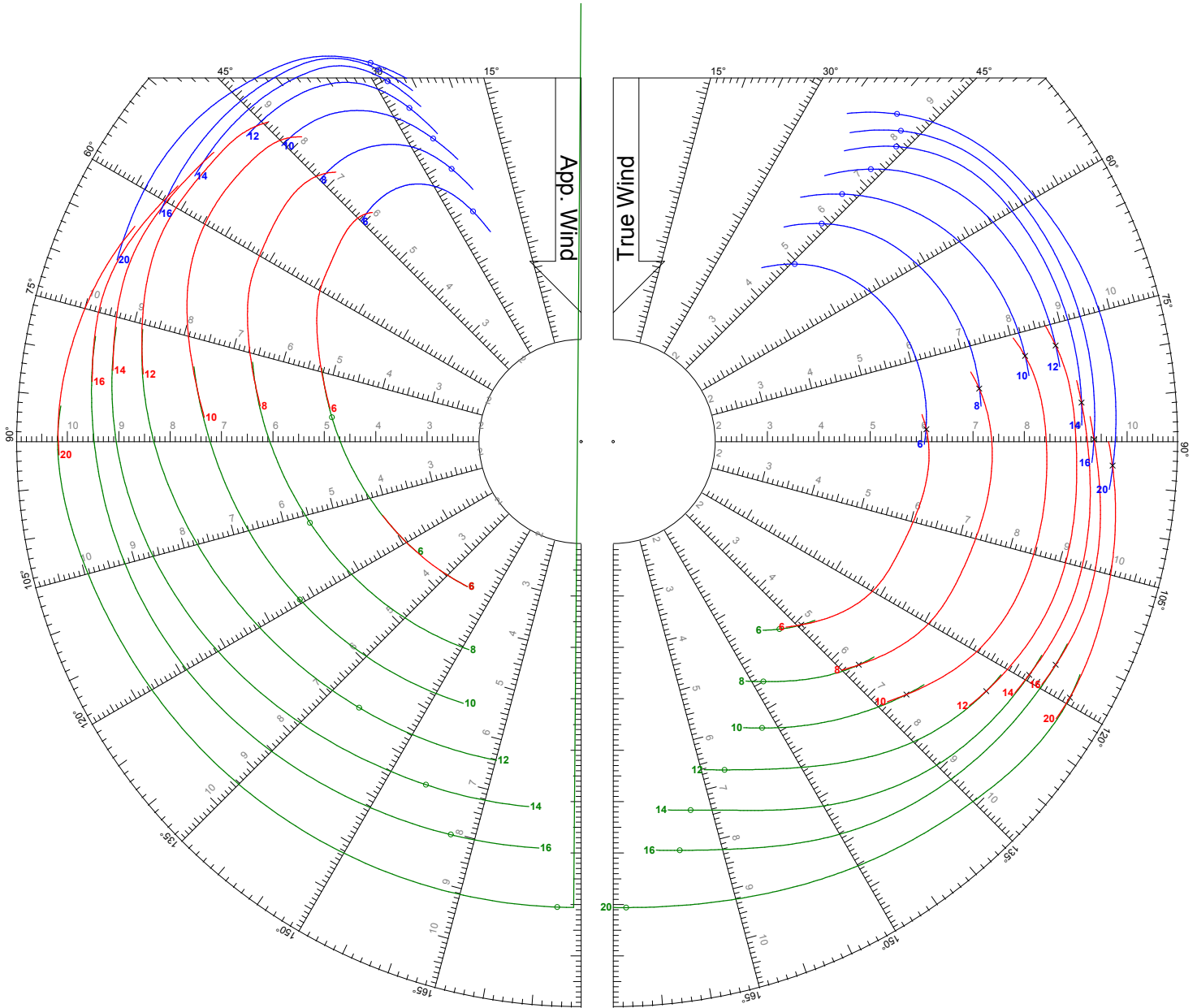




ORC

World Leader in Rating Technology

Speed Guide



Polar Plot for Boat	
Name	EVE
Sail Number	8565
Class	SWAN 65
Designer	SPARKMAN&STEPHENS
Builder	NAUTOR
Issued On	14/12/2015 - VPP 2015 1.01

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

Jib

Symmetric Spinnaker

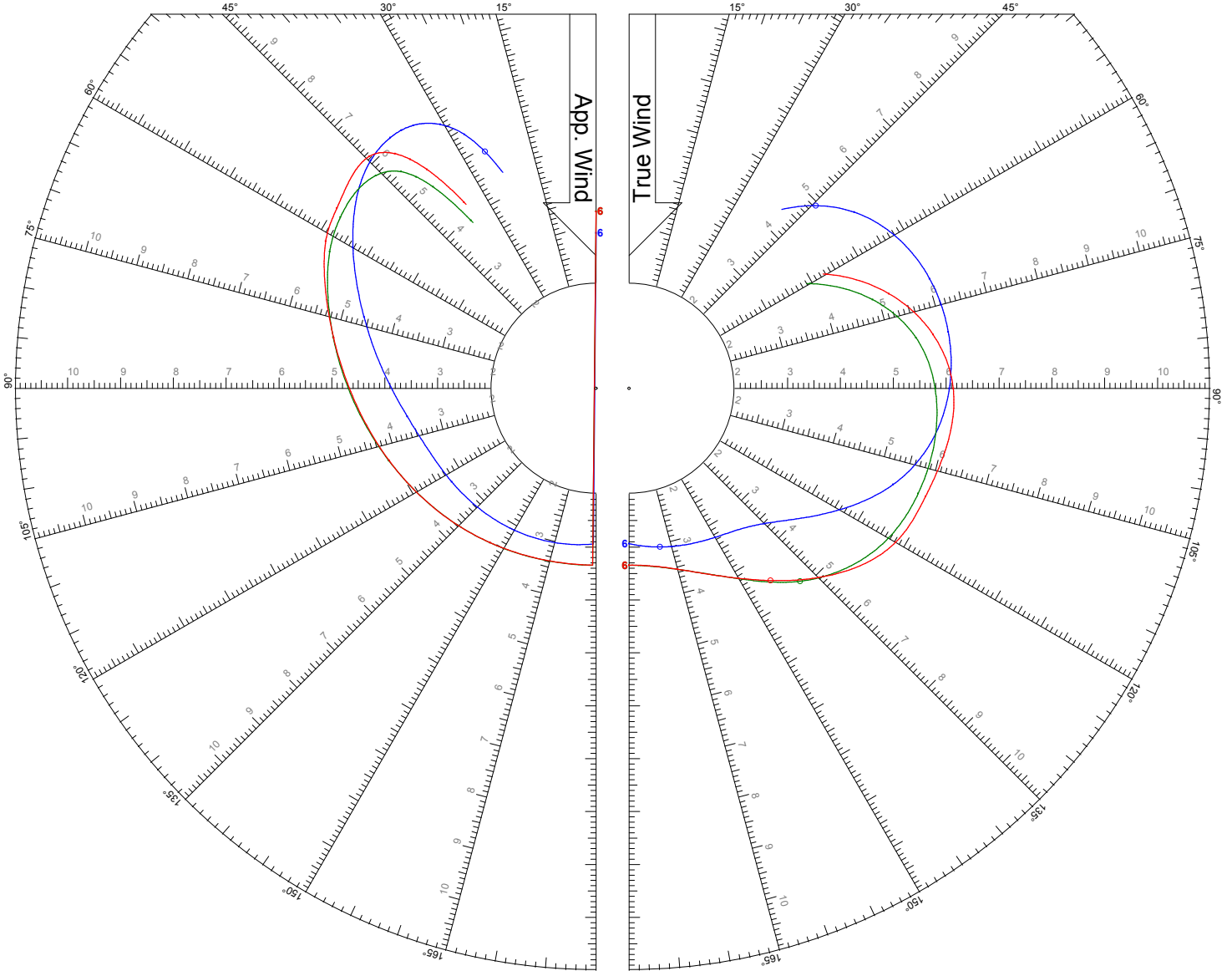
Asymmetric Spinnaker on Pole



ORC

World Leader in Rating Technology

Speed Guide



Polar Plot for Boat	
Name	EVE
Sail Number	8565
Class	SWAN 65
Designer	SPARKMAN&STEPHENS
Builder	NAUTOR
Issued On	14/12/2015 - VPP 2015 1.01

TWS: 6 kts

Jib

Symmetric Spinnaker

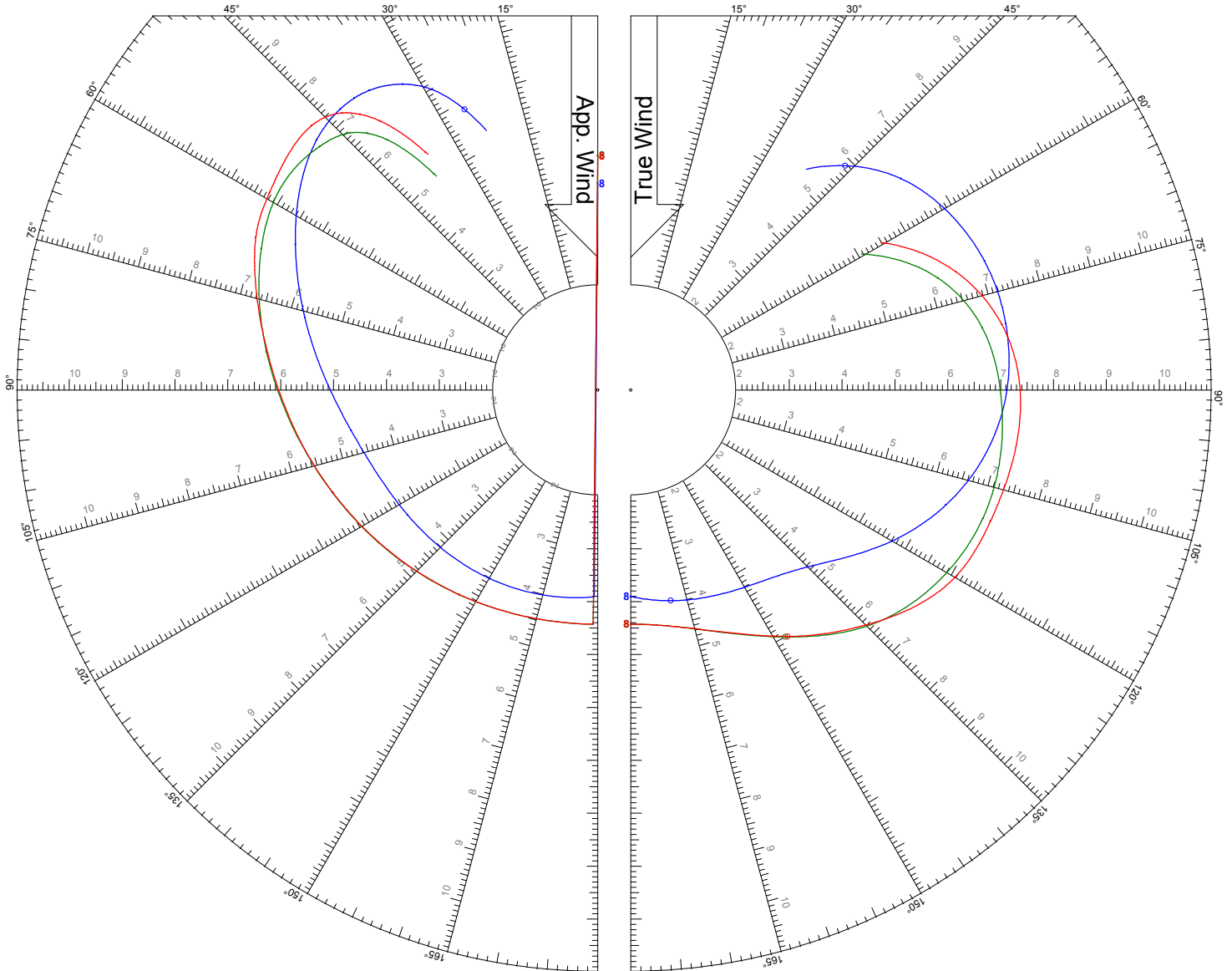
Asymmetric Spinnaker on Pole



ORC

World Leader in Rating Technology

Speed Guide



Polar Plot for Boat	
Name	EVE
Sail Number	8565
Class	SWAN 65
Designer	SPARKMAN&STEPHENS
Builder	NAUTOR
Issued On	14/12/2015 - VPP 2015 1.01

TWS: 8 kts

Jib

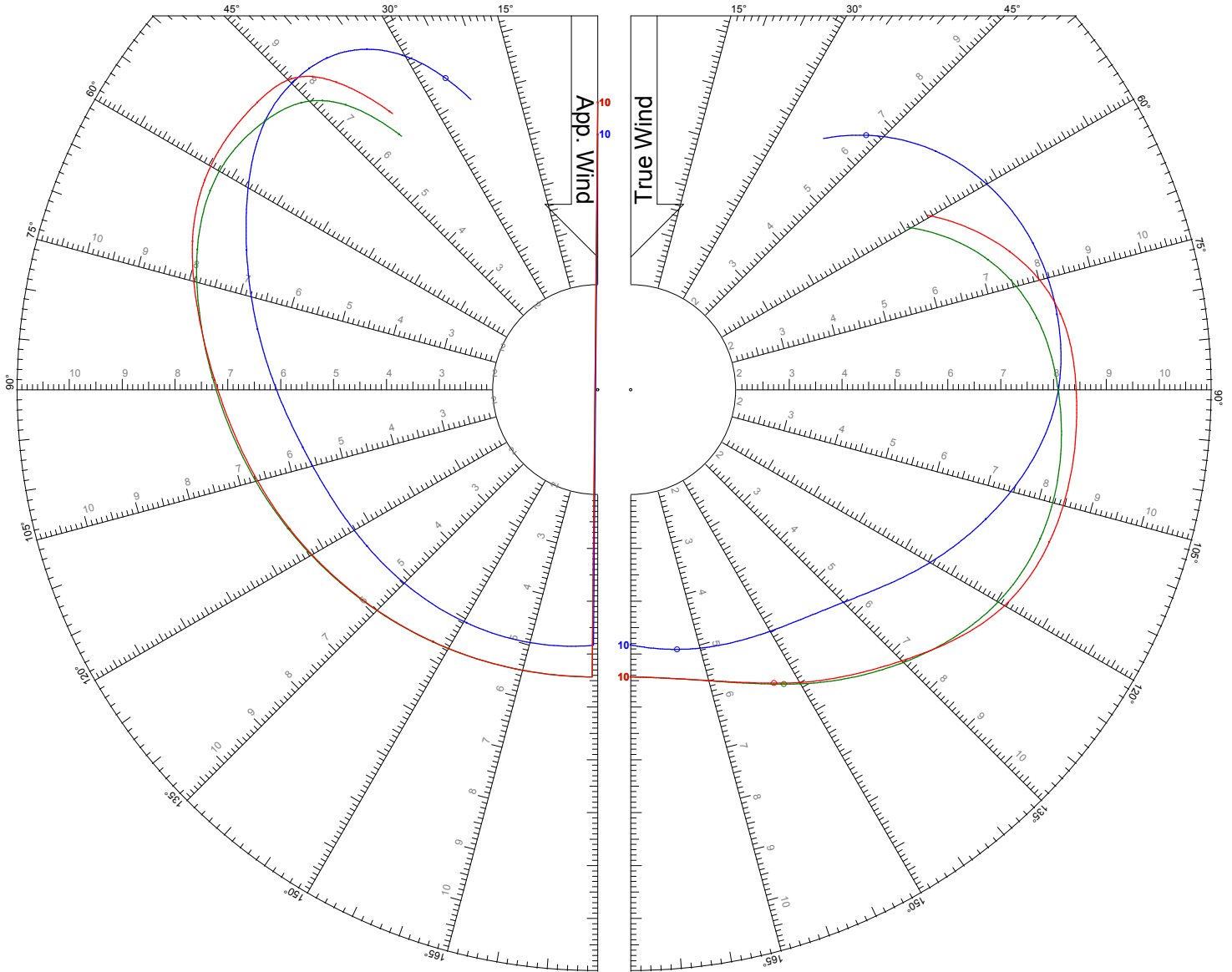
Symmetric Spinnaker

Asymmetric Spinnaker on Pole



World Leader in Rating Technology

Speed Guide



Polar Plot for Boat	
Name	EVE
Sail Number	8565
Class	SWAN 65
Designer	SPARKMAN&STEPHENS
Builder	NAUTOR
Issued On	14/12/2015 - VPP 2015 1.01

TWS: 10 kts

Jib

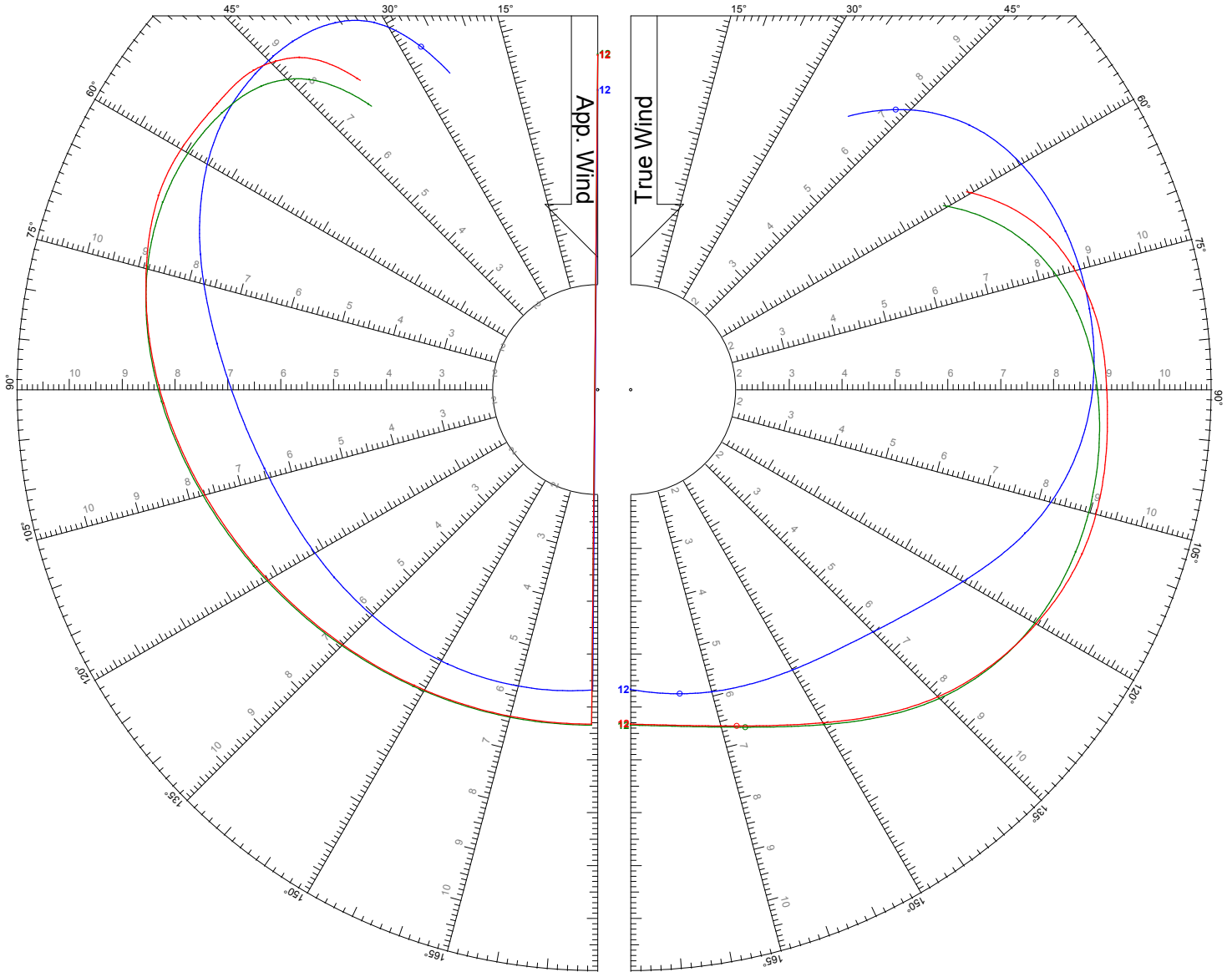
Symmetric Spinnaker

Asymmetric Spinnaker on Pole



World Leader in Rating Technology

Speed Guide



Polar Plot for Boat	
Name	EVE
Sail Number	8565
Class	SWAN 65
Designer	SPARKMAN&STEPHENS
Builder	NAUTOR
Issued On	14/12/2015 - VPP 2015 1.01

TWS: 12 kts

Jib

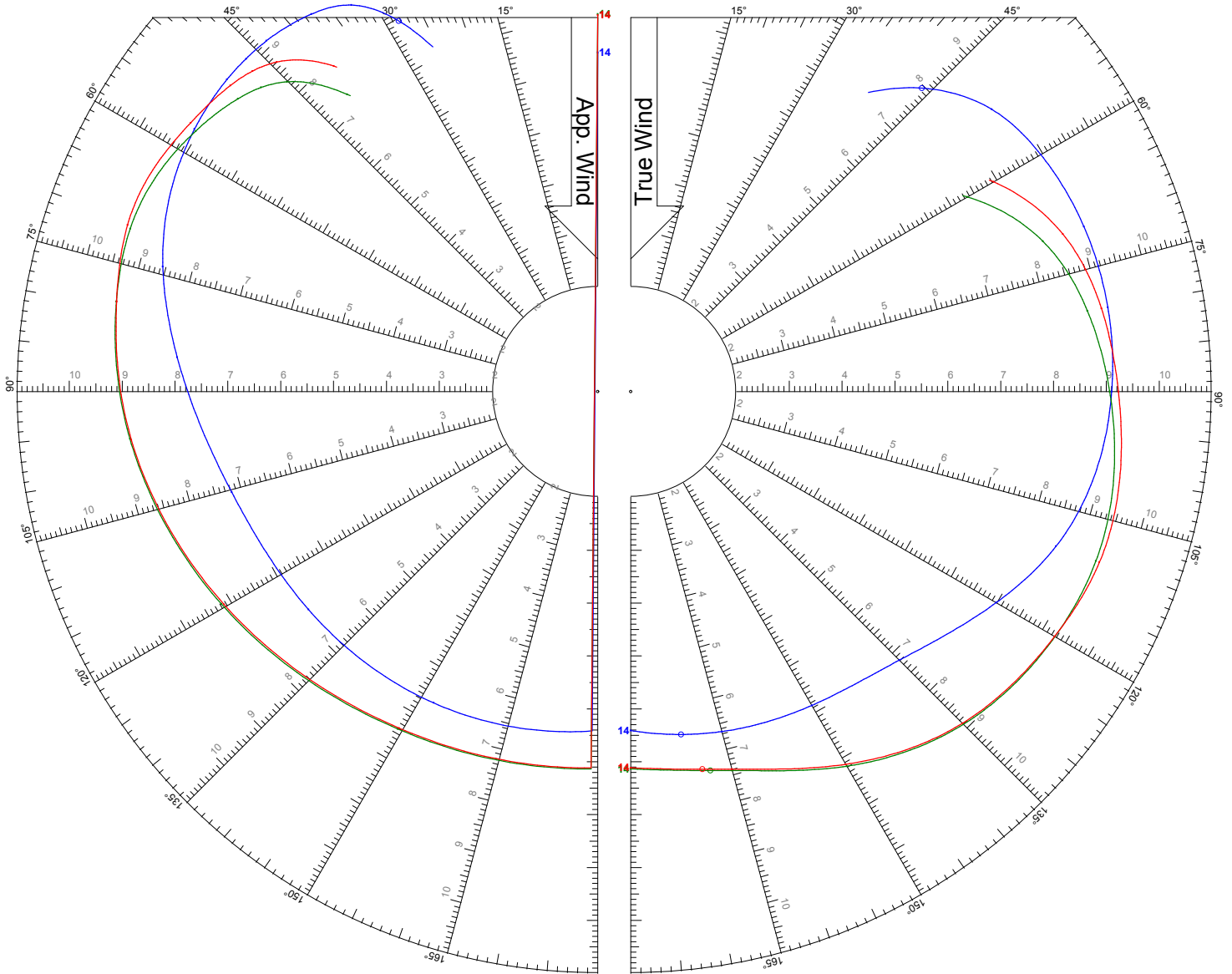
Symmetric Spinnaker

Asymmetric Spinnaker on Pole



World Leader in Rating Technology

Speed Guide



Polar Plot for Boat	
Name	EVE
Sail Number	8565
Class	SWAN 65
Designer	SPARKMAN&STEPHENS
Builder	NAUTOR
Issued On	14/12/2015 - VPP 2015 1.01

TWS: 14 kts

Jib

Symmetric Spinnaker

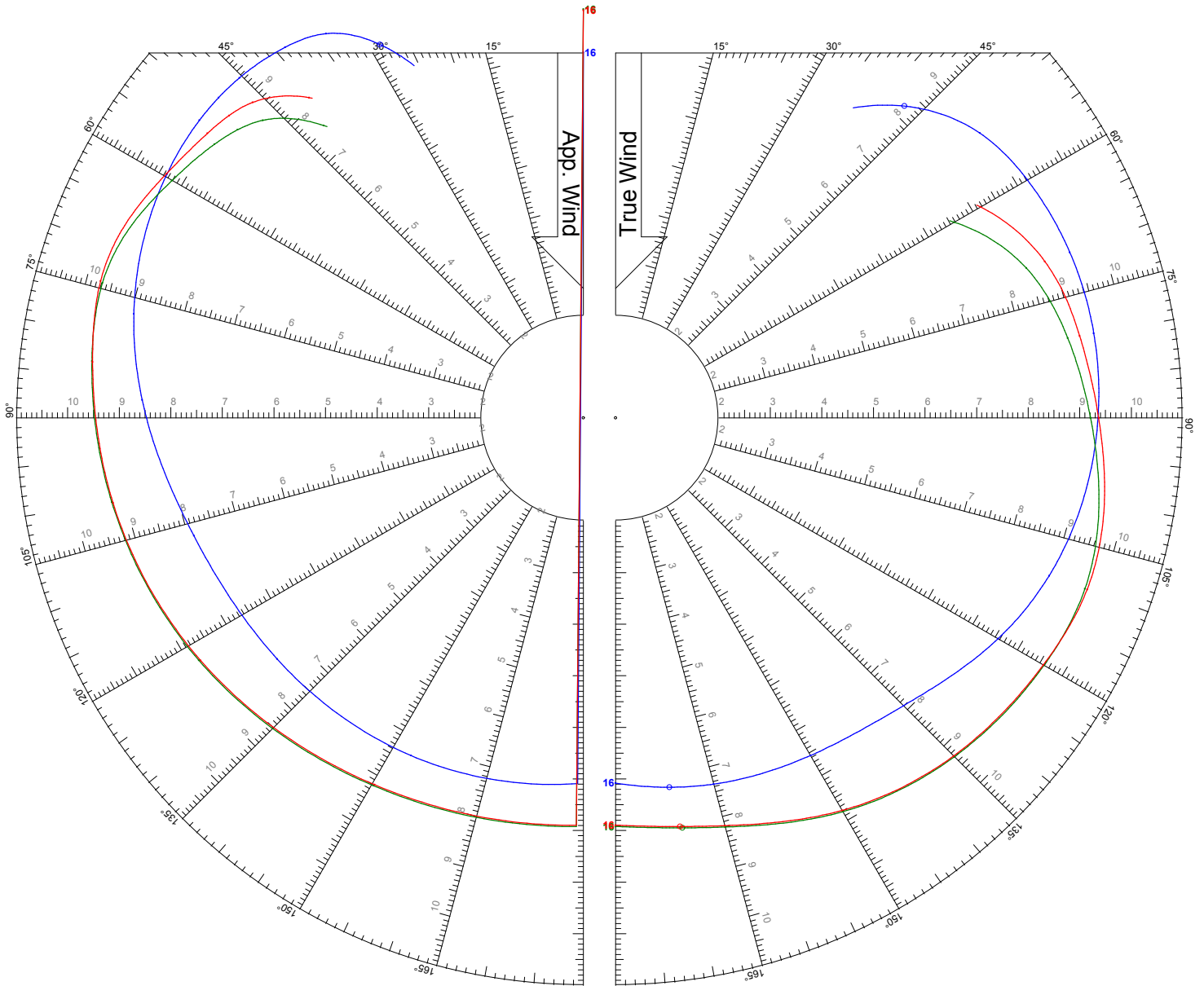
Asymmetric Spinnaker on Pole



ORC

World Leader in Rating Technology

Speed Guide



Polar Plot for Boat	
Name	EVE
Sail Number	8565
Class	SWAN 65
Designer	SPARKMAN&STEPHENS
Builder	NAUTOR
Issued On	14/12/2015 - VPP 2015 1.01

TWS: 16 kts

Jib

Symmetric Spinnaker

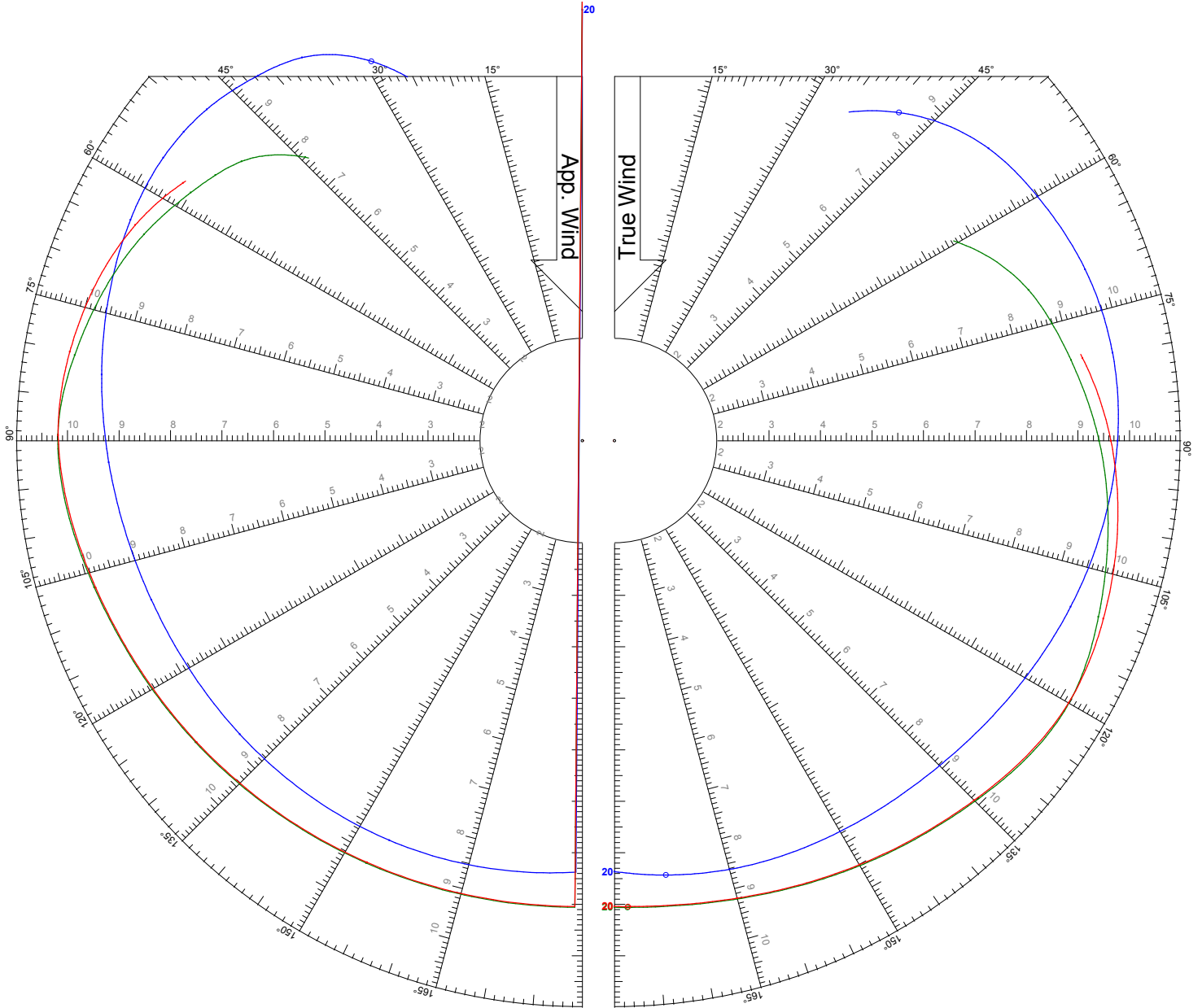
Asymmetric Spinnaker on Pole



ORC

World Leader in Rating Technology

Speed Guide



Polar Plot for Boat	
Name	EVE
Sail Number	8565
Class	SWAN 65
Designer	SPARKMAN&STEPHENS
Builder	NAUTOR
Issued On	14/12/2015 - VPP 2015 1.01

TWS: 20 kts

Jib

Symmetric Spinnaker

Asymmetric Spinnaker on Pole



World Leader in Rating Technology
 © Offshore Racing Congress 2015
 www.orc.org

Polar Tables	
Boat Name:	EVE
Sail No:	8565
Sail:	Best Performance
Issued On:	14/12/2015 - VPP 2015 1.01

TWS = 6 Kts							
TWA	BTV	VMG	AWS	AWA	Heel	Reef	Flat
45.7° (b)	4.94	3.45	10.09	25.2°	3.5°	1.00	0.95
52°	5.41	3.33	10.26	27.5°	3.6°	1.00	0.96
60°	5.79	2.90	10.21	30.6°	3.6°	1.00	0.98
70°	6.05	2.07	9.87	34.8°	3.5°	1.00	1.00
75°	6.11	1.58	9.61	37.1°	3.3°	1.00	1.00
80°	6.13	1.07	9.30	39.5°	3.1°	1.00	1.00
90°	6.13	0.00	8.58	44.4°	10.1°	1.00	0.99
110°	5.97	2.04	6.87	55.2°	7.8°	1.00	1.00
120°	5.82	2.91	5.91	61.5°	6.4°	1.00	1.00
135°	5.07	3.58	4.32	79.0°	4.6°	1.00	1.00
150°	4.16	3.60	3.18	109.1°	3.5°	1.00	1.00
165°	3.54	3.42	2.74	145.4°	3.1°	1.00	1.00
180°	3.34	3.34	2.66	0.0°	3.0°	1.00	1.00
138.4° (r)	4.88	3.65	4.00	84.4°	4.3°	1.00	1.00

TWS = 8 Kts							
TWA	BTV	VMG	AWS	AWA	Heel	Reef	Flat
43.8° (b)	5.87	4.24	12.89	25.4°	5.9°	1.00	0.95
52°	6.49	3.99	13.04	28.9°	6.1°	1.00	0.96
60°	6.86	3.43	12.88	32.5°	6.0°	1.00	0.98
70°	7.12	2.44	12.40	37.3°	5.4°	1.00	1.00
75°	7.19	1.86	12.06	39.9°	5.0°	1.00	1.00
80°	7.21	1.25	11.66	42.5°	4.6°	1.00	1.00
90°	7.37	0.00	10.88	47.4°	12.6°	1.00	1.00
110°	7.24	2.48	8.77	59.0°	10.8°	1.00	1.00
120°	7.08	3.54	7.58	66.0°	8.3°	1.00	1.00
135°	6.31	4.46	5.69	83.4°	5.7°	1.00	1.00
150°	5.38	4.66	4.29	111.1°	3.9°	1.00	1.00
165°	4.67	4.51	3.69	145.9°	3.3°	1.00	1.00
180°	4.43	4.43	3.57	0.0°	3.0°	1.00	1.00
147.9° (r)	5.51	4.67	4.44	106.7°	4.1°	1.00	1.00

TWS = 10 Kts							
TWA	BTV	VMG	AWS	AWA	Heel	Reef	Flat
42.8° (b)	6.56	4.81	15.47	26.1°	10.0°	1.00	0.94
52°	7.33	4.51	15.62	30.3°	10.3°	1.00	0.97
60°	7.78	3.89	15.44	34.1°	10.1°	1.00	0.99
70°	8.10	2.77	14.87	39.2°	9.1°	1.00	1.00
75°	8.17	2.11	14.46	41.9°	8.2°	1.00	1.00
80°	8.26	1.43	14.03	44.6°	16.9°	1.00	0.98
90°	8.43	0.00	13.08	49.9°	16.0°	1.00	1.00
110°	8.43	2.88	10.65	61.9°	12.5°	1.00	1.00
120°	8.17	4.08	9.22	69.9°	10.5°	1.00	1.00
135°	7.29	5.16	7.07	88.2°	6.9°	1.00	1.00
150°	6.42	5.56	5.48	114.1°	4.5°	1.00	1.00
165°	5.70	5.50	4.73	146.8°	3.4°	1.00	1.00
180°	5.43	5.43	4.57	0.0°	3.0°	1.00	1.00
152.5° (r)	6.28	5.57	5.30	119.3°	4.2°	1.00	1.00

TWS = 12 Kts							
TWA	BTV	VMG	AWS	AWA	Heel	Reef	Flat
43.4° (b)	7.29	5.30	18.01	27.3°	14.9°	1.00	0.94
52°	8.13	5.01	18.17	31.4°	15.3°	1.00	0.96
60°	8.53	4.27	17.87	35.6°	14.9°	1.00	0.98
70°	8.76	3.00	17.11	41.2°	13.1°	1.00	1.00
75°	8.80	2.28	16.62	44.2°	11.8°	1.00	1.00
80°	8.88	1.54	16.12	47.1°	22.2°	1.00	0.94
90°	9.01	0.00	15.00	53.1°	21.0°	1.00	0.99
110°	9.09	3.11	12.33	66.2°	14.5°	1.00	1.00
120°	8.86	4.43	10.78	74.6°	11.8°	1.00	1.00
135°	8.26	5.84	8.49	91.5°	8.5°	1.00	1.00
150°	7.31	6.33	6.74	117.2°	5.1°	1.00	1.00
165°	6.61	6.38	5.87	148.1°	3.7°	1.00	1.00
180°	6.34	6.34	5.66	0.0°	3.0°	1.00	1.00
161.2° (r)	6.74	6.38	6.02	140.1°	3.9°	1.00	1.00

TWS = 14 Kts							
TWA	BTV	VMG	AWS	AWA	Heel	Reef	Flat
43.8° (b)	7.95	5.74	20.49	28.2°	20.5°	1.00	0.93
52°	8.67	5.34	20.51	32.5°	20.7°	1.00	0.95
60°	8.96	4.48	20.04	37.2°	19.7°	1.00	0.98
70°	9.12	3.12	19.15	43.4°	17.4°	1.00	1.00
75°	9.16	2.37	18.61	46.6°	15.7°	1.00	1.00
80°	9.17	1.59	18.02	49.9°	13.8°	1.00	1.00
90°	9.23	0.00	16.77	56.6°	22.5°	0.97	0.92
110°	9.44	3.23	13.95	70.5°	16.2°	1.00	1.00
120°	9.27	4.63	12.33	79.4°	14.0°	1.00	1.00
135°	8.90	6.29	9.95	95.8°	10.2°	1.00	1.00
150°	8.18	7.08	8.04	119.4°	5.9°	1.00	1.00
165°	7.42	7.16	7.10	149.3°	4.0°	1.00	1.00
180°	7.14	7.14	6.86	0.0°	3.1°	1.00	1.00
168.1° (r)	7.32	7.17	7.00	155.7°	3.7°	1.00	1.00

TWS = 16 Kts							
TWA	BTV	VMG	AWS	AWA	Heel	Reef	Flat
42.8° (b)	8.24	6.04	22.74	28.6°	23.8°	1.00	0.86
52°	8.96	5.52	22.65	33.8°	26.2°	1.00	0.94
60°	9.22	4.61	22.10	38.8°	24.7°	1.00	0.96
70°	9.37	3.21	21.13	45.4°	22.2°	1.00	1.00
75°	9.41	2.44	20.55	48.8°	19.9°	1.00	1.00
80°	9.42	1.64	19.92	52.3°	17.4°	1.00	1.00
90°	9.37	0.00	18.54	59.7°	22.5°	0.93	0.83
110°	9.73	3.33	15.63	74.2°	19.1°	1.00	1.00
120°	9.59	4.80	13.95	83.4°	15.9°	1.00	1.00
135°	9.29	6.57	11.49	100.1°	11.3°	1.00	1.00
150°	8.81	7.63	9.46	122.2°	6.8°	1.00	1.00
165°	8.21	7.93	8.34	150.2°	4.3°	1.00	1.00
180°	7.92	7.92	8.08	0.0°	3.1°	1.00	1.00
170.8° (r)	8.05	7.95	8.16	161.6°	3.7°	1.00	1.00

TWS = 20 Kts							
TWA	BTV	VMG	AWS	AWA	Heel	Reef	Flat
40.9° (b)	8.43	6.37	26.94	29.1°	26.5°	1.00	0.69
52°	9.22	5.67	26.68	36.2°	31.3°	1.00	0.80
60°	9.48	4.74	26.07	41.6°	32.5°	1.00	0.87
70°	9.73	3.33	25.05	48.6°	31.2°	1.00	0.95
75°	9.79	2.53	24.44	52.2°	28.9°	1.00	0.98
80°	9.82	1.71	23.76	56.0°	26.1°	1.00	1.00
90°	9.77	0.00	22.26	64.0°	18.7°	1.00	1.00
110°	10.10	3.46	19.08	80.1°	22.3°	0.96	0.93
120°	10.19	5.09	17.32	89.4°	21.9°	1.00	0.99
135°	9.90	7.00	14.77	106.7°	13.5°	1.00	1.00
150°	9.53	8.25	12.68	127.9°	9.0°	1.00	1.00
165°	9.21	8.90	11.36	152.9°	5.2°	1.00	1.00
180°	9.06	9.06	10.94	0.0°	3.3°	1.00	1.00
178.4° (r)	9.06	9.06	10.94	177.1°	3.4°	1.00	1.00



World Leader in Rating Technology
 © Offshore Racing Congress 2015
 www.orc.org

Polar Tables

Boat Name: **EVE**
 Sail No: **8565**
 Sail: **Jib**
 Issued On: **14/12/2015 - VPP 2015 1.01**

TWS = 6 Kts

TWA	BTV	VMG	AWS	AWA	Heel	Reef	Flat
45.7° (b)	4.94	3.45	10.05	25.0°	3.5°	1.00	0.95
52°	5.41	3.33	10.21	27.3°	3.6°	1.00	0.96
60°	5.79	2.90	10.17	30.4°	3.6°	1.00	0.98
70°	6.05	2.07	9.83	34.6°	3.5°	1.00	1.00
75°	6.11	1.58	9.57	36.9°	3.3°	1.00	1.00
80°	6.13	1.07	9.26	39.2°	3.1°	1.00	1.00
90°	6.06	0.00	8.49	44.5°	2.6°	1.00	1.00
110°	5.32	1.82	6.49	59.6°	1.4°	1.00	1.00
120°	4.59	2.30	5.40	72.6°	0.9°	1.00	1.00
135°	3.61	2.56	4.25	98.1°	0.5°	1.00	1.00
150°	3.25	2.82	3.54	122.6°	0.3°	1.00	1.00
165°	3.10	2.99	3.07	149.9°	0.2°	1.00	1.00
180°	2.94	2.94	3.02	180.0°	0.0°	1.00	1.00
169.0° (r)	3.06	3.00	3.01	157.8°	0.1°	1.00	1.00

TWS = 8 Kts

TWA	BTV	VMG	AWS	AWA	Heel	Reef	Flat
43.8° (b)	5.87	4.24	12.82	25.2°	5.9°	1.00	0.95
52°	6.49	3.99	12.96	28.7°	6.1°	1.00	0.96
60°	6.86	3.43	12.80	32.3°	6.0°	1.00	0.98
70°	7.12	2.44	12.32	37.0°	5.4°	1.00	1.00
75°	7.19	1.86	11.99	39.6°	5.0°	1.00	1.00
80°	7.21	1.25	11.59	42.2°	4.6°	1.00	1.00
90°	7.12	0.00	10.65	48.1°	3.7°	1.00	1.00
110°	6.35	2.17	8.30	64.0°	2.0°	1.00	1.00
120°	5.71	2.85	7.09	75.8°	1.4°	1.00	1.00
135°	4.73	3.34	5.68	99.0°	0.8°	1.00	1.00
150°	4.31	3.73	4.73	122.9°	0.6°	1.00	1.00
165°	4.11	3.97	4.11	150.0°	0.3°	1.00	1.00
180°	3.90	3.90	4.04	180.0°	0.1°	1.00	1.00
169.3° (r)	4.05	3.98	4.03	158.5°	0.2°	1.00	1.00

TWS = 10 Kts

TWA	BTV	VMG	AWS	AWA	Heel	Reef	Flat
42.8° (b)	6.56	4.81	15.33	25.6°	10.0°	1.00	0.94
52°	7.33	4.51	15.46	29.8°	10.3°	1.00	0.97
60°	7.78	3.89	15.28	33.6°	10.1°	1.00	0.99
70°	8.10	2.77	14.71	38.7°	9.1°	1.00	1.00
75°	8.17	2.11	14.32	41.4°	8.2°	1.00	1.00
80°	8.19	1.42	13.86	44.3°	7.3°	1.00	1.00
90°	8.09	0.00	12.77	50.7°	5.2°	1.00	1.00
110°	7.15	2.45	10.05	68.0°	2.7°	1.00	1.00
120°	6.54	3.27	8.73	79.6°	1.9°	1.00	1.00
135°	5.69	4.02	7.14	100.7°	1.2°	1.00	1.00
150°	5.27	4.57	5.97	123.8°	0.9°	1.00	1.00
165°	5.06	4.89	5.21	150.4°	0.5°	1.00	1.00
180°	4.83	4.83	5.10	180.0°	0.1°	1.00	1.00
169.9° (r)	4.99	4.91	5.09	160.0°	0.4°	1.00	1.00

TWS = 12 Kts

TWA	BTV	VMG	AWS	AWA	Heel	Reef	Flat
43.4° (b)	7.29	5.30	17.74	26.3°	14.9°	1.00	0.94
52°	8.13	5.01	17.86	30.3°	15.3°	1.00	0.96
60°	8.53	4.27	17.54	34.5°	14.9°	1.00	0.98
70°	8.76	3.00	16.80	40.3°	13.1°	1.00	1.00
75°	8.80	2.28	16.34	43.4°	11.8°	1.00	1.00
80°	8.81	1.53	15.83	46.6°	10.5°	1.00	1.00
90°	8.74	0.00	14.68	53.5°	7.5°	1.00	1.00
110°	7.94	2.72	11.82	70.9°	3.4°	1.00	1.00
120°	7.26	3.63	10.39	82.8°	2.4°	1.00	1.00
135°	6.48	4.58	8.64	103.0°	1.7°	1.00	1.00
150°	6.12	5.30	7.28	125.2°	1.2°	1.00	1.00
165°	5.91	5.71	6.39	151.1°	0.7°	1.00	1.00
180°	5.67	5.67	6.24	180.0°	0.1°	1.00	1.00
170.8° (r)	5.82	5.75	6.23	162.3°	0.5°	1.00	1.00

TWS = 14 Kts

TWA	BTV	VMG	AWS	AWA	Heel	Reef	Flat
43.8° (b)	7.95	5.74	19.99	26.5°	20.5°	1.00	0.93
52°	8.67	5.34	19.92	30.6°	20.7°	1.00	0.95
60°	8.96	4.48	19.42	35.3°	19.7°	1.00	0.98
70°	9.12	3.12	18.57	41.8°	17.4°	1.00	1.00
75°	9.16	2.37	18.09	45.3°	15.7°	1.00	1.00
80°	9.17	1.59	17.58	48.8°	13.8°	1.00	1.00
90°	9.10	0.00	16.41	56.3°	9.9°	1.00	1.00
110°	8.56	2.93	13.56	73.7°	4.2°	1.00	1.00
120°	7.98	3.99	12.06	85.1°	3.1°	1.00	1.00
135°	7.18	5.08	10.17	105.1°	2.2°	1.00	1.00
150°	6.85	5.93	8.67	126.7°	1.6°	1.00	1.00
165°	6.66	6.43	7.66	152.0°	0.9°	1.00	1.00
180°	6.41	6.41	7.49	180.0°	0.2°	1.00	1.00
171.7° (r)	6.55	6.48	7.47	164.4°	0.6°	1.00	1.00

TWS = 16 Kts

TWA	BTV	VMG	AWS	AWA	Heel	Reef	Flat
42.8° (b)	8.24	6.04	22.01	26.3°	23.8°	1.00	0.86
52°	8.96	5.52	21.63	30.7°	26.2°	1.00	0.94
60°	9.22	4.61	21.03	35.8°	24.7°	1.00	0.96
70°	9.37	3.21	20.10	42.8°	22.2°	1.00	1.00
75°	9.41	2.44	19.65	46.7°	19.9°	1.00	1.00
80°	9.42	1.64	19.17	50.6°	17.4°	1.00	1.00
90°	9.35	0.00	18.06	58.8°	12.5°	1.00	1.00
110°	8.95	3.06	15.26	76.7°	5.3°	1.00	1.00
120°	8.56	4.28	13.73	87.4°	3.8°	1.00	1.00
135°	7.89	5.58	11.70	106.6°	2.8°	1.00	1.00
150°	7.56	6.55	10.07	128.0°	2.0°	1.00	1.00
165°	7.35	7.10	8.99	152.8°	1.2°	1.00	1.00
180°	7.08	7.08	8.80	180.0°	0.3°	1.00	1.00
171.7° (r)	7.24	7.16	8.78	164.9°	0.8°	1.00	1.00

TWS = 20 Kts

TWA	BTV	VMG	AWS	AWA	Heel	Reef	Flat
40.9° (b)	8.43	6.37	25.86	26.3°	26.5°	1.00	0.69
52°	9.22	5.67	24.88	31.7°	31.3°	1.00	0.80
60°	9.48	4.74	23.84	36.4°	32.5°	1.00	0.87
70°	9.73	3.33	22.62	43.7°	31.2°	1.00	0.95
75°	9.79	2.53	22.17	48.0°	28.9°	1.00	0.98
80°	9.82	1.71	21.76	52.6°	26.1°	1.00	1.00
90°	9.77	0.00	21.06	62.4°	18.7°	1.00	1.00
110°	9.43	3.22	18.59	81.8°	8.9°	1.00	1.00
120°	9.21	4.60	17.10	92.4°	6.1°	1.00	1.00
135°	8.92	6.31	14.90	110.1°	4.3°	1.00	1.00
150°	8.76	7.59	13.01	130.4°	3.1°	1.00	1.00
165°	8.62	8.32	11.74	154.1°	1.8°	1.00	1.00
180°	8.36	8.36	11.49	180.0°	0.4°	1.00	1.00
173.3° (r)	8.49	8.43	11.47	168.3°	1.1°	1.00	1.00



World Leader in Rating Technology
 © Offshore Racing Congress 2015
 www.orc.org

Polar Tables							
Boat Name: EVE							
Sail No: 8565							
Sail: Symmetric Spinnaker							
Issued On: 14/12/2015 - VPP 2015 1.01							

TWS = 6 Kts							
TWA	BTV	VMG	AWS	AWA	Heel	Reef	Flat
60°	3.96	1.98	8.84	37.0°	8.0°	1.00	0.95
70°	4.90	1.68	9.07	39.3°	9.3°	1.00	0.96
75°	5.25	1.36	9.04	40.7°	9.8°	1.00	0.96
80°	5.51	0.96	8.92	42.4°	10.0°	1.00	0.96
90°	5.79	0.00	8.42	46.5°	9.7°	1.00	0.97
110°	5.82	1.99	6.85	57.3°	8.1°	1.00	1.00
120°	5.67	2.83	5.92	64.3°	6.6°	1.00	1.00
135°	5.07	3.58	4.43	81.2°	4.6°	1.00	1.00
150°	4.16	3.60	3.33	111.5°	3.5°	1.00	1.00
165°	3.54	3.42	2.93	146.8°	3.1°	1.00	1.00
180°	3.34	3.34	2.87	180.0°	3.0°	1.00	1.00
138.4° (r)	4.88	3.65	4.12	86.8°	4.3°	1.00	1.00

TWS = 8 Kts							
TWA	BTV	VMG	AWS	AWA	Heel	Reef	Flat
60°	5.13	2.56	11.61	37.1°	11.4°	1.00	0.95
70°	6.19	2.12	11.77	40.0°	12.5°	1.00	0.96
75°	6.52	1.69	11.64	41.9°	12.8°	1.00	0.96
80°	6.76	1.17	11.39	44.1°	12.8°	1.00	0.97
90°	6.99	0.00	10.67	49.1°	12.4°	1.00	0.98
110°	7.09	2.42	8.73	60.7°	11.1°	1.00	1.00
120°	6.90	3.45	7.60	68.6°	8.8°	1.00	1.00
135°	6.31	4.46	5.84	85.5°	5.7°	1.00	1.00
150°	5.38	4.66	4.50	113.4°	3.9°	1.00	1.00
165°	4.67	4.51	3.95	147.2°	3.3°	1.00	1.00
180°	4.43	4.43	3.85	180.0°	3.0°	1.00	1.00
147.9° (r)	5.51	4.67	4.64	108.9°	4.1°	1.00	1.00

TWS = 10 Kts							
TWA	BTV	VMG	AWS	AWA	Heel	Reef	Flat
60°	6.13	3.06	14.20	37.4°	14.6°	1.00	0.95
70°	7.19	2.46	14.17	40.9°	16.3°	1.00	0.96
75°	7.55	1.95	13.97	43.0°	16.6°	1.00	0.96
80°	7.80	1.35	13.65	45.4°	16.5°	1.00	0.97
90°	8.09	0.00	12.78	50.7°	15.9°	1.00	0.98
110°	8.24	2.82	10.56	63.5°	13.0°	1.00	1.00
120°	8.03	4.01	9.23	71.9°	11.0°	1.00	1.00
135°	7.29	5.16	7.26	90.1°	6.9°	1.00	1.00
150°	6.42	5.56	5.75	116.2°	4.5°	1.00	1.00
165°	5.70	5.50	5.06	148.1°	3.4°	1.00	1.00
180°	5.43	5.43	4.92	180.0°	3.0°	1.00	1.00
152.5° (r)	6.28	5.57	5.58	121.3°	4.2°	1.00	1.00

TWS = 12 Kts							
TWA	BTV	VMG	AWS	AWA	Heel	Reef	Flat
60°	6.93	3.47	16.54	37.7°	18.8°	1.00	0.94
70°	8.01	2.74	16.21	41.1°	22.5°	1.00	0.93
75°	8.34	2.16	15.91	43.6°	22.2°	0.99	0.93
80°	8.57	1.49	15.50	46.3°	22.2°	1.00	0.94
90°	8.83	0.00	14.46	52.3°	21.4°	1.00	0.97
110°	8.96	3.06	12.15	67.1°	15.4°	1.00	1.00
120°	8.83	4.42	10.80	75.8°	12.3°	1.00	1.00
135°	8.26	5.84	8.69	93.4°	8.5°	1.00	1.00
150°	7.31	6.33	7.07	119.1°	5.1°	1.00	1.00
165°	6.61	6.38	6.27	149.2°	3.7°	1.00	1.00
180°	6.34	6.34	6.08	180.0°	3.0°	1.00	1.00
161.2° (r)	6.74	6.38	6.41	141.5°	3.9°	1.00	1.00

TWS = 14 Kts							
TWA	BTV	VMG	AWS	AWA	Heel	Reef	Flat
60°	7.36	3.68	18.43	38.2°	22.5°	0.96	0.90
70°	8.30	2.84	18.04	43.1°	22.6°	0.94	0.85
75°	8.58	2.22	17.64	46.0°	22.5°	0.94	0.86
80°	8.78	1.52	17.14	49.0°	22.6°	0.95	0.87
90°	9.06	0.00	15.98	55.4°	22.5°	0.96	0.90
110°	9.37	3.20	13.65	71.0°	17.3°	1.00	1.00
120°	9.27	4.63	12.30	80.4°	14.0°	1.00	1.00
135°	8.90	6.29	10.15	97.5°	10.2°	1.00	1.00
150°	8.18	7.08	8.42	121.2°	5.9°	1.00	1.00
165°	7.42	7.16	7.56	150.4°	4.0°	1.00	1.00
180°	7.14	7.14	7.35	180.0°	3.1°	1.00	1.00
168.1° (r)	7.32	7.17	7.47	156.5°	3.7°	1.00	1.00

TWS = 16 Kts							
TWA	BTV	VMG	AWS	AWA	Heel	Reef	Flat
60°	7.58	3.79	20.29	39.5°	22.6°	0.90	0.83
70°	8.48	2.90	19.78	45.0°	22.8°	0.89	0.81
75°	8.72	2.26	19.32	48.1°	22.7°	0.89	0.81
80°	8.90	1.55	18.77	51.4°	22.6°	0.90	0.82
90°	9.21	0.00	17.54	58.3°	22.6°	0.91	0.85
110°	9.69	3.31	14.87	74.1°	21.8°	1.00	1.00
120°	9.59	4.80	13.79	84.3°	15.9°	1.00	1.00
135°	9.29	6.57	11.70	101.8°	11.3°	1.00	1.00
150°	8.81	7.63	9.89	123.9°	6.8°	1.00	1.00
165°	8.21	7.93	8.87	151.2°	4.3°	1.00	1.00
180°	7.92	7.92	8.64	180.0°	3.1°	1.00	1.00
170.8° (r)	8.05	7.95	8.70	162.2°	3.7°	1.00	1.00

TWS = 20 Kts							
TWA	BTV	VMG	AWS	AWA	Heel	Reef	Flat
60°	7.70	3.85	23.85	42.0°	23.2°	0.85	0.66
70°	8.56	2.93	23.19	48.3°	23.1°	0.85	0.64
75°	8.80	2.28	22.64	51.9°	23.1°	0.85	0.64
80°	9.00	1.56	22.05	55.5°	23.0°	0.85	0.64
90°	9.41	0.00	20.74	63.0°	22.8°	0.85	0.74
110°	10.00	3.42	17.93	80.2°	22.4°	0.95	0.89
120°	10.19	5.09	16.46	90.2°	21.9°	1.00	0.99
135°	9.90	7.00	14.93	108.3°	13.5°	1.00	1.00
150°	9.53	8.25	13.20	129.4°	9.0°	1.00	1.00
165°	9.21	8.90	12.02	153.7°	5.2°	1.00	1.00
180°	9.06	9.06	11.64	180.0°	3.3°	1.00	1.00
178.4° (r)	9.06	9.06	11.64	177.1°	3.4°	1.00	1.00



World Leader in Rating Technology
 © Offshore Racing Congress 2015
 www.orc.org

Polar Tables							
Boat Name: EVE							
Sail No: 8565							
Sail: Asymmetric Spinnaker on CL							
Issued On: 14/12/2015 - VPP 2015 1.01							

TWS = 6 Kts							
TWA	BTV	VMG	AWS	AWA	Heel	Reef	Flat
60°	4.11	2.06	8.96	36.4°	7.6°	1.00	0.96
70°	5.04	1.72	9.19	38.8°	8.8°	1.00	0.96
75°	5.39	1.39	9.15	40.2°	9.2°	1.00	0.97
80°	5.65	0.98	9.02	41.8°	9.5°	1.00	0.97
90°	5.93	0.00	8.52	45.9°	9.2°	1.00	0.98
110°	5.84	2.00	6.87	57.2°	7.5°	1.00	1.00
120°	5.75	2.87	5.96	63.7°	6.2°	1.00	1.00
135°	4.98	3.52	4.41	82.3°	4.4°	1.00	1.00
150°	4.03	3.49	3.38	113.5°	3.4°	1.00	1.00
165°	3.32	3.21	3.12	149.1°	3.1°	1.00	1.00
180°	3.02	3.02	3.19	180.0°	3.0°	1.00	1.00
141.9° (r)	4.57	3.59	3.83	94.8°	3.8°	1.00	1.00

TWS = 8 Kts							
TWA	BTV	VMG	AWS	AWA	Heel	Reef	Flat
60°	5.31	2.66	11.76	36.6°	11.0°	1.00	0.96
70°	6.33	2.17	11.89	39.6°	12.0°	1.00	0.96
75°	6.67	1.73	11.75	41.5°	12.3°	1.00	0.97
80°	6.91	1.20	11.51	43.6°	12.4°	1.00	0.97
90°	7.13	0.00	10.77	48.5°	12.0°	1.00	1.00
110°	7.14	2.44	8.77	60.5°	10.4°	1.00	1.00
120°	7.00	3.50	7.65	68.0°	8.0°	1.00	1.00
135°	6.22	4.40	5.84	86.3°	5.3°	1.00	1.00
150°	5.23	4.53	4.56	115.1°	3.7°	1.00	1.00
165°	4.39	4.24	4.19	149.3°	3.2°	1.00	1.00
180°	4.01	4.01	4.27	180.0°	3.1°	1.00	1.00
144.1° (r)	5.65	4.58	4.95	102.3°	4.2°	1.00	1.00

TWS = 10 Kts							
TWA	BTV	VMG	AWS	AWA	Heel	Reef	Flat
60°	6.32	3.16	14.39	37.1°	13.6°	1.00	0.96
70°	7.38	2.52	14.33	40.5°	15.7°	1.00	0.96
75°	7.75	2.01	14.13	42.6°	15.9°	1.00	0.97
80°	8.00	1.39	13.81	44.9°	15.9°	1.00	0.98
90°	8.21	0.00	12.88	50.4°	15.3°	1.00	1.00
110°	8.34	2.85	10.63	63.1°	12.2°	1.00	1.00
120°	8.07	4.03	9.27	71.7°	10.2°	1.00	1.00
135°	7.21	5.10	7.27	90.8°	6.4°	1.00	1.00
150°	6.24	5.40	5.83	117.8°	4.2°	1.00	1.00
165°	5.38	5.19	5.33	149.9°	3.4°	1.00	1.00
180°	4.95	4.95	5.39	180.0°	3.2°	1.00	1.00
149.6° (r)	6.26	5.40	5.85	117.0°	4.2°	1.00	1.00

TWS = 12 Kts							
TWA	BTV	VMG	AWS	AWA	Heel	Reef	Flat
60°	7.17	3.59	16.79	37.4°	17.3°	1.00	0.95
70°	8.30	2.84	16.50	40.8°	21.2°	1.00	0.95
75°	8.59	2.22	16.14	43.2°	21.4°	1.00	0.96
80°	8.75	1.52	15.71	46.1°	20.7°	1.00	0.97
90°	8.89	0.00	14.63	52.6°	19.4°	1.00	0.99
110°	9.04	3.09	12.26	66.9°	13.8°	1.00	1.00
120°	8.80	4.40	10.82	76.0°	11.6°	1.00	1.00
135°	8.17	5.78	8.71	93.9°	7.6°	1.00	1.00
150°	7.09	6.14	7.19	120.6°	4.7°	1.00	1.00
165°	6.24	6.02	6.59	150.9°	3.6°	1.00	1.00
180°	5.80	5.80	6.61	180.0°	3.3°	1.00	1.00
154.0° (r)	6.85	6.16	6.93	128.4°	4.3°	1.00	1.00

TWS = 14 Kts							
TWA	BTV	VMG	AWS	AWA	Heel	Reef	Flat
60°	7.76	3.88	18.78	37.5°	22.5°	0.98	0.92
70°	8.62	2.95	18.29	42.5°	22.5°	0.95	0.89
75°	8.84	2.29	17.85	45.4°	22.5°	0.96	0.90
80°	8.99	1.56	17.31	48.5°	22.5°	0.96	0.91
90°	9.19	0.00	16.10	55.2°	22.3°	0.97	0.94
110°	9.40	3.21	13.77	71.1°	15.8°	1.00	1.00
120°	9.22	4.61	12.35	80.6°	12.8°	1.00	1.00
135°	8.83	6.24	10.20	97.9°	8.9°	1.00	1.00
150°	7.92	6.86	8.56	122.6°	5.3°	1.00	1.00
165°	6.98	6.74	7.94	151.9°	3.9°	1.00	1.00
180°	6.55	6.55	7.93	180.0°	3.5°	1.00	1.00
153.6° (r)	7.68	6.88	8.31	129.5°	4.9°	1.00	1.00

TWS = 16 Kts							
TWA	BTV	VMG	AWS	AWA	Heel	Reef	Flat
60°	8.02	4.01	20.68	38.8°	22.6°	0.93	0.83
70°	8.78	3.00	20.05	44.4°	22.7°	0.92	0.81
75°	8.96	2.32	19.53	47.7°	22.7°	0.92	0.82
80°	9.08	1.58	18.93	51.1°	22.6°	0.93	0.82
90°	9.34	0.00	17.68	58.1°	22.5°	0.94	0.85
110°	9.68	3.31	15.23	74.5°	18.2°	1.00	1.00
120°	9.54	4.77	13.86	84.6°	14.8°	1.00	1.00
135°	9.22	6.52	11.75	102.1°	10.3°	1.00	1.00
150°	8.61	7.46	10.01	124.8°	6.1°	1.00	1.00
165°	7.71	7.45	9.31	152.7°	4.2°	1.00	1.00
180°	7.23	7.23	9.32	180.0°	3.6°	1.00	1.00
156.4° (r)	8.25	7.56	9.56	136.3°	5.1°	1.00	1.00

TWS = 20 Kts							
TWA	BTV	VMG	AWS	AWA	Heel	Reef	Flat
60°	8.25	4.13	24.27	41.2°	23.0°	0.85	0.71
70°	8.90	3.04	23.43	47.7°	23.0°	0.85	0.71
75°	9.05	2.34	22.81	51.4°	23.0°	0.85	0.71
80°	9.20	1.60	22.16	55.1°	22.9°	0.85	0.72
90°	9.63	0.00	20.90	62.6°	22.5°	0.87	0.80
110°	10.09	3.45	18.00	80.0°	22.3°	0.97	0.94
120°	10.16	5.08	16.86	90.4°	18.6°	1.00	1.00
135°	9.80	6.93	15.05	108.6°	12.1°	1.00	1.00
150°	9.37	8.12	13.32	129.8°	8.0°	1.00	1.00
165°	8.88	8.57	12.31	154.3°	5.0°	1.00	1.00
180°	8.51	8.51	12.18	180.0°	4.1°	1.00	1.00
168.7° (r)	8.76	8.59	12.21	160.8°	4.6°	1.00	1.00



World Leader in Rating Technology
 © Offshore Racing Congress 2015
 www.orc.org

Polar Tables							
Boat Name: EVE							
Sail No: 8565							
Sail: Asymmetric Spinnaker on Pole							
Issued On: 14/12/2015 - VPP 2015 1.01							

TWS = 6 Kts							
TWA	BTV	VMG	AWS	AWA	Heel	Reef	Flat
60°	4.31	2.16	9.12	35.6°	7.9°	1.00	0.96
70°	5.23	1.79	9.33	38.0°	9.3°	1.00	0.97
75°	5.58	1.44	9.29	39.4°	9.9°	1.00	0.97
80°	5.84	1.01	9.16	40.9°	10.2°	1.00	0.97
90°	6.13	0.00	8.65	44.8°	10.1°	1.00	0.99
110°	5.97	2.04	6.94	56.3°	7.8°	1.00	1.00
120°	5.82	2.91	5.99	63.0°	6.4°	1.00	1.00
135°	5.06	3.58	4.43	81.3°	4.4°	1.00	1.00
150°	4.15	3.59	3.33	111.6°	3.5°	1.00	1.00
165°	3.54	3.42	2.93	146.8°	3.1°	1.00	1.00
180°	3.34	3.34	2.86	180.0°	3.0°	1.00	1.00
143.6° (r)	4.51	3.63	3.70	97.5°	3.8°	1.00	1.00

TWS = 8 Kts							
TWA	BTV	VMG	AWS	AWA	Heel	Reef	Flat
60°	5.55	2.78	11.95	35.9°	11.3°	1.00	0.96
70°	6.54	2.24	12.04	38.9°	12.5°	1.00	0.97
75°	6.88	1.78	11.90	40.7°	12.9°	1.00	0.97
80°	7.13	1.24	11.66	42.7°	13.1°	1.00	0.98
90°	7.37	0.00	10.91	47.5°	12.6°	1.00	1.00
110°	7.24	2.48	8.81	59.9°	10.8°	1.00	1.00
120°	7.08	3.54	7.67	67.4°	8.3°	1.00	1.00
135°	6.28	4.44	5.84	85.7°	5.4°	1.00	1.00
150°	5.37	4.65	4.50	113.5°	3.9°	1.00	1.00
165°	4.67	4.51	3.95	147.2°	3.2°	1.00	1.00
180°	4.43	4.43	3.85	180.0°	3.0°	1.00	1.00
147.5° (r)	5.52	4.66	4.67	108.2°	4.0°	1.00	1.00

TWS = 10 Kts							
TWA	BTV	VMG	AWS	AWA	Heel	Reef	Flat
60°	6.57	3.28	14.55	36.4°	14.5°	1.00	0.96
70°	7.63	2.61	14.50	39.7°	16.5°	1.00	0.96
75°	8.01	2.07	14.29	41.7°	16.9°	1.00	0.97
80°	8.26	1.43	13.95	44.0°	16.9°	1.00	0.98
90°	8.43	0.00	12.99	49.6°	16.0°	1.00	1.00
110°	8.43	2.88	10.65	62.6°	12.5°	1.00	1.00
120°	8.17	4.08	9.29	71.1°	10.5°	1.00	1.00
135°	7.25	5.13	7.26	90.4°	6.6°	1.00	1.00
150°	6.39	5.54	5.76	116.4°	4.4°	1.00	1.00
165°	5.69	5.50	5.06	148.1°	3.4°	1.00	1.00
180°	5.43	5.43	4.91	180.0°	3.0°	1.00	1.00
154.0° (r)	6.18	5.55	5.50	124.5°	4.0°	1.00	1.00

TWS = 12 Kts							
TWA	BTV	VMG	AWS	AWA	Heel	Reef	Flat
60°	7.44	3.72	16.94	36.6°	18.8°	1.00	0.95
70°	8.45	2.89	16.54	40.1°	22.4°	0.99	0.92
75°	8.70	2.25	16.16	42.7°	22.3°	0.99	0.93
80°	8.88	1.54	15.71	45.5°	22.2°	1.00	0.94
90°	9.01	0.00	14.59	51.9°	21.0°	1.00	0.99
110°	9.09	3.11	12.25	66.6°	14.5°	1.00	1.00
120°	8.86	4.43	10.83	75.7°	11.8°	1.00	1.00
135°	8.22	5.81	8.70	93.6°	8.0°	1.00	1.00
150°	7.27	6.30	7.09	119.3°	5.0°	1.00	1.00
165°	6.58	6.36	6.29	149.3°	3.7°	1.00	1.00
180°	6.32	6.32	6.09	180.0°	3.0°	1.00	1.00
162.5° (r)	6.67	6.36	6.37	144.2°	3.8°	1.00	1.00

TWS = 14 Kts							
TWA	BTV	VMG	AWS	AWA	Heel	Reef	Flat
60°	7.93	3.96	18.88	37.1°	22.5°	0.96	0.90
70°	8.70	2.98	18.33	42.3°	22.5°	0.94	0.85
75°	8.91	2.31	17.87	45.2°	22.5°	0.94	0.86
80°	9.04	1.57	17.33	48.4°	22.5°	0.95	0.88
90°	9.23	0.00	16.09	55.0°	22.5°	0.97	0.92
110°	9.44	3.23	13.76	70.8°	16.2°	1.00	1.00
120°	9.26	4.63	12.34	80.4°	13.1°	1.00	1.00
135°	8.87	6.27	10.17	97.6°	9.5°	1.00	1.00
150°	8.14	7.05	8.44	121.4°	5.7°	1.00	1.00
165°	7.39	7.14	7.58	150.5°	3.9°	1.00	1.00
180°	7.11	7.11	7.37	180.0°	3.1°	1.00	1.00
169.3° (r)	7.27	7.14	7.46	158.9°	3.6°	1.00	1.00

TWS = 16 Kts							
TWA	BTV	VMG	AWS	AWA	Heel	Reef	Flat
60°	8.17	4.09	20.75	38.5°	22.6°	0.90	0.83
70°	8.86	3.03	20.06	44.2°	22.6°	0.89	0.80
75°	9.03	2.34	19.54	47.5°	22.6°	0.90	0.82
80°	9.14	1.59	18.93	50.9°	22.6°	0.90	0.83
90°	9.37	0.00	17.68	58.0°	22.5°	0.93	0.83
110°	9.73	3.33	15.15	74.2°	19.1°	1.00	1.00
120°	9.58	4.79	13.83	84.4°	15.2°	1.00	1.00
135°	9.27	6.55	11.72	101.9°	10.9°	1.00	1.00
150°	8.79	7.61	9.91	124.0°	6.6°	1.00	1.00
165°	8.18	7.91	8.89	151.3°	4.3°	1.00	1.00
180°	7.90	7.90	8.66	180.0°	3.1°	1.00	1.00
171.0° (r)	8.02	7.92	8.72	162.8°	3.7°	1.00	1.00

TWS = 20 Kts							
TWA	BTV	VMG	AWS	AWA	Heel	Reef	Flat
60°	-0.01	-0.01	18.79	57.8°	23.5°	0.85	0.68
70°	-0.01	0.00	18.56	68.4°	23.5°	0.85	0.68
75°	-0.01	0.00	18.48	73.7°	23.5°	0.85	0.68
80°	9.23	1.60	22.20	55.1°	22.8°	0.85	0.68
90°	9.64	0.00	20.88	62.5°	22.5°	0.85	0.80
110°	10.10	3.46	17.98	79.9°	22.3°	0.96	0.93
120°	10.18	5.09	16.70	90.3°	19.9°	1.00	1.00
135°	9.87	6.98	14.97	108.3°	12.8°	1.00	1.00
150°	9.50	8.23	13.21	129.4°	8.8°	1.00	1.00
165°	9.19	8.88	12.03	153.7°	5.1°	1.00	1.00
180°	9.04	9.04	11.65	180.0°	3.3°	1.00	1.00
178.3° (r)	9.05	9.04	11.65	177.1°	3.4°	1.00	1.00