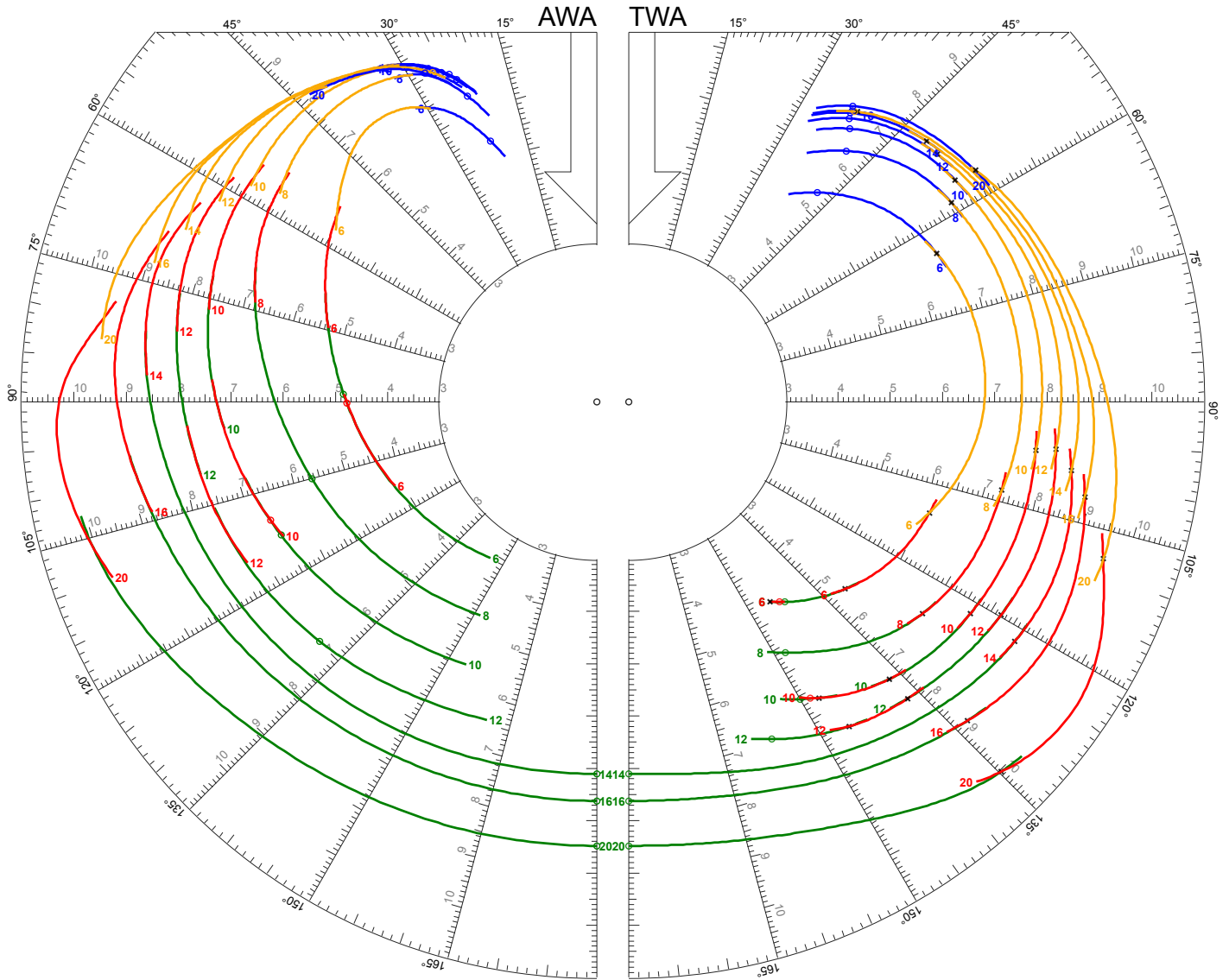




# Speed Guide



Name **PARAGON OF VIRTUE**  
Sail # **US-12345**  
Class **TRIPP 40**  
Designer **TRIPP**  
Builder

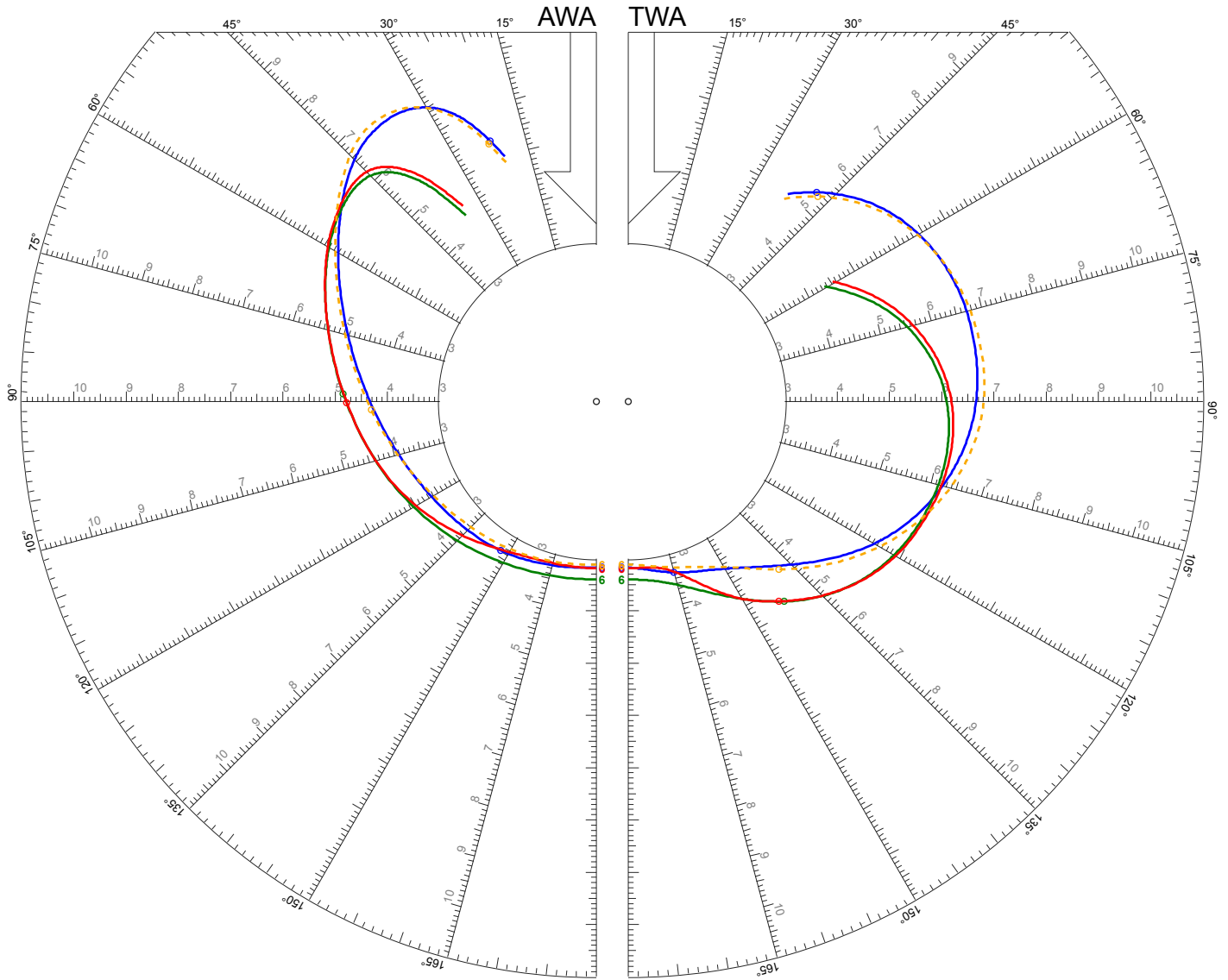
This page contains the polar curves for all wind speeds. The curves are trimmed to highlight the intersection points between different sails. The legend describes the type of sails, also mentioning the sail area when applicable. Note that the headsail set flying, as shown here, is a virtual sail representing the blended performance of individual sails of this kind.

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

- **Headsail, 49.33 m<sup>2</sup>**
- **Symmetric, 91.52 m<sup>2</sup>**
- **Asymmetric on Centerline, 87.94 m<sup>2</sup>**
- **Headsail set Flying**



# Speed Guide



Name **PARAGON OF VIRTUE**  
Sail # **US-12345**  
Class **TRIPP 40**  
Designer **TRIPP**  
Builder

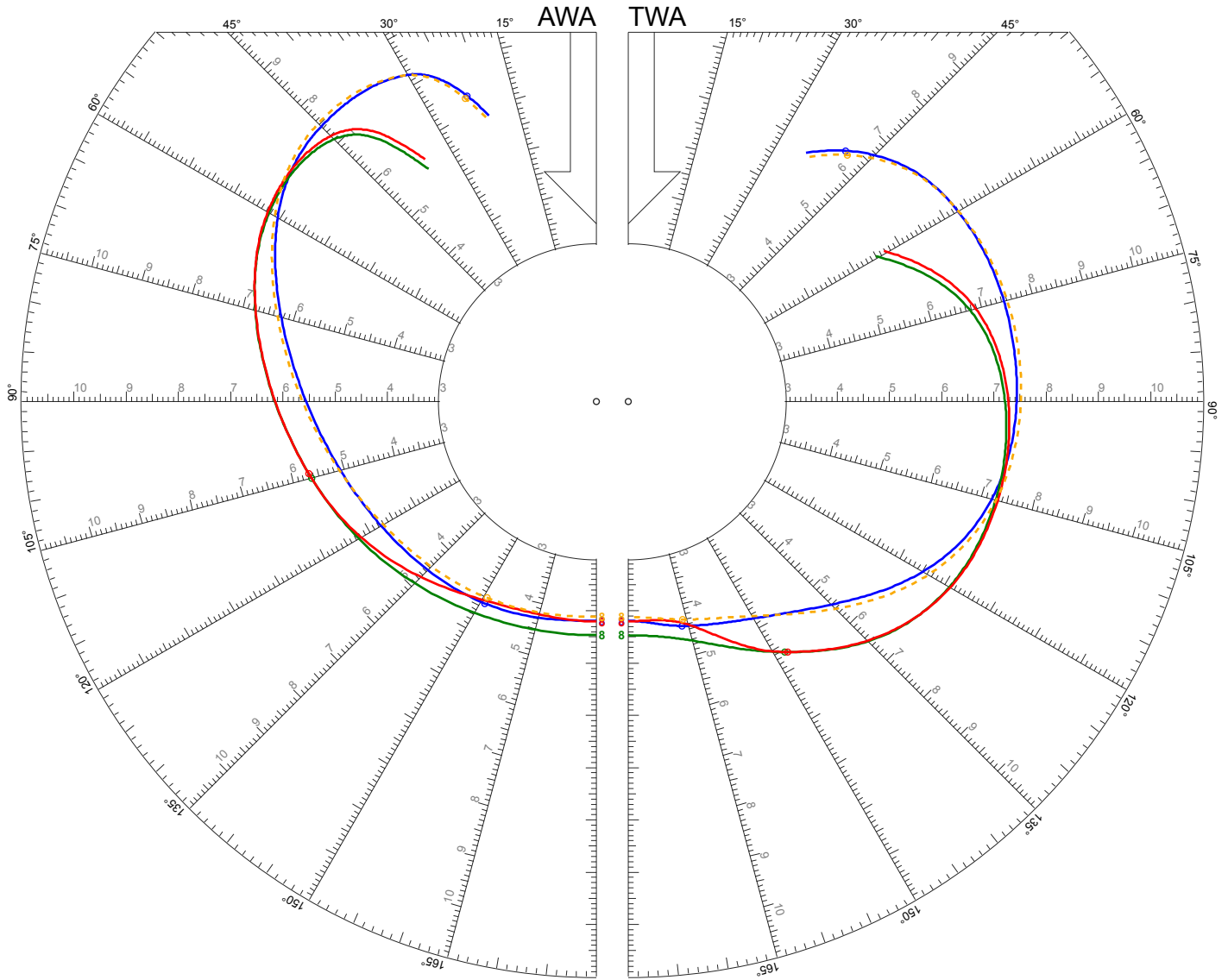
This page contains the polar curves for the specified true wind speed. The curves shown with **solid** line and the corresponding areas in the legend refer to the **largest headsail** or **symmetric** or **asymmetric** spinnaker. The curves of the **headsail set flying**, shown with **dashed** lines, refer to the individual sails of this kind recorded in the boat's sails inventory. The area and identifier of the respective sails is shown in the legend.

TWS: 6

- **Headsail, 49.33 m<sup>2</sup>**
- **Symmetric, 91.52 m<sup>2</sup>**
- **Asymmetric on Centerline, 87.94 m<sup>2</sup>**
- - - **Headsail set Flying 56% , 53.48 m<sup>2</sup> (id = ORC)**



# Speed Guide



Name **PARAGON OF VIRTUE**  
Sail # **US-12345**  
Class **TRIPP 40**  
Designer **TRIPP**  
Builder

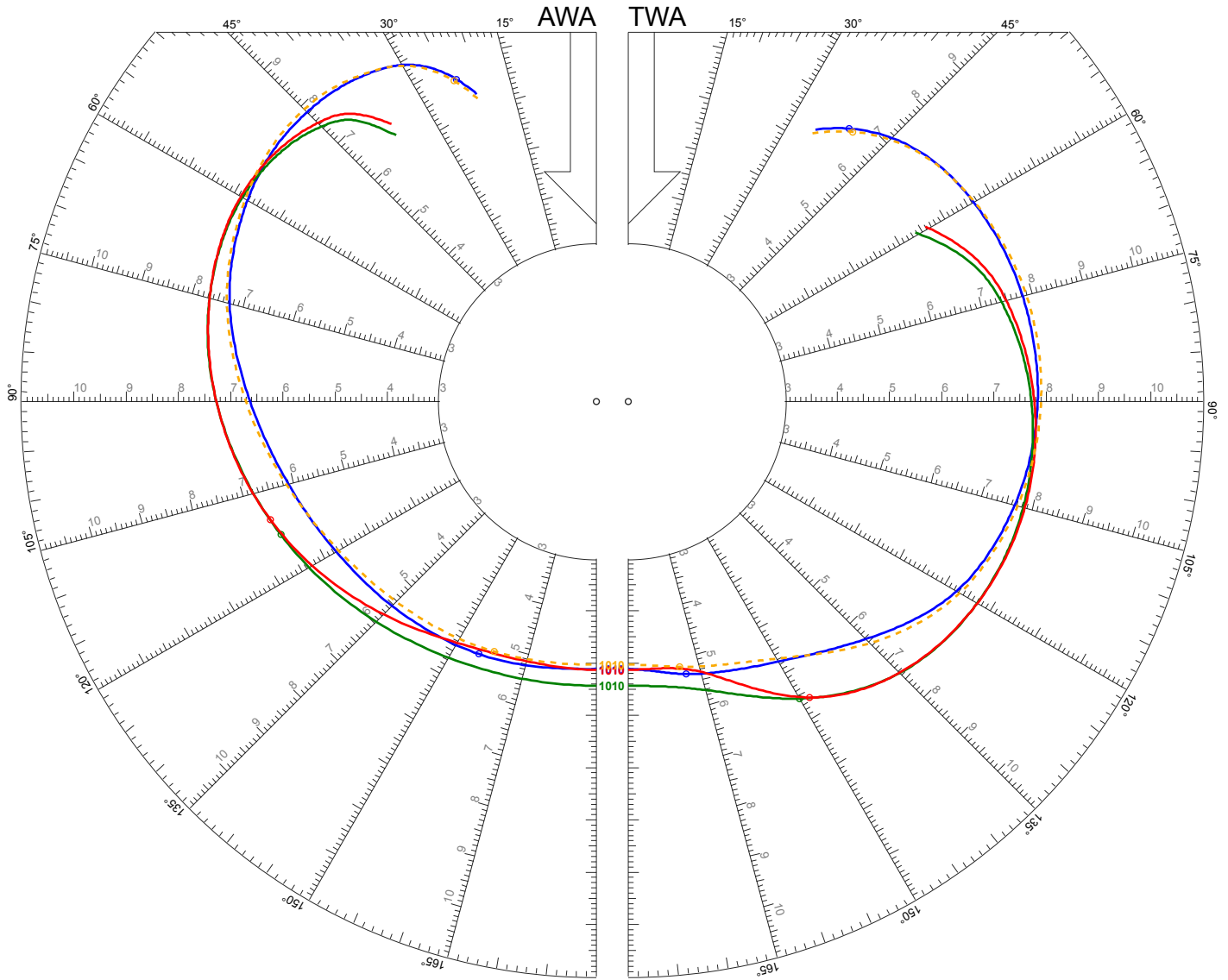
This page contains the polar curves for the specified true wind speed. The curves shown with **solid** line and the corresponding areas in the legend refer to the **largest headsail** or **symmetric** or **asymmetric** spinnaker. The curves of the **headsail set flying**, shown with **dashed** lines, refer to the individual sails of this kind recorded in the boat's sails inventory. The area and identifier of the respective sails is shown in the legend.

TWS: 8

- Headsail, 49.33 m<sup>2</sup>**
- Symmetric, 91.52 m<sup>2</sup>**
- Asymmetric on Centerline, 87.94 m<sup>2</sup>**
- Headsail set Flying 56% , 53.48 m<sup>2</sup> (id = ORC)**



# Speed Guide



Name **PARAGON OF VIRTUE**  
Sail # **US-12345**  
Class **TRIPP 40**  
Designer **TRIPP**  
Builder

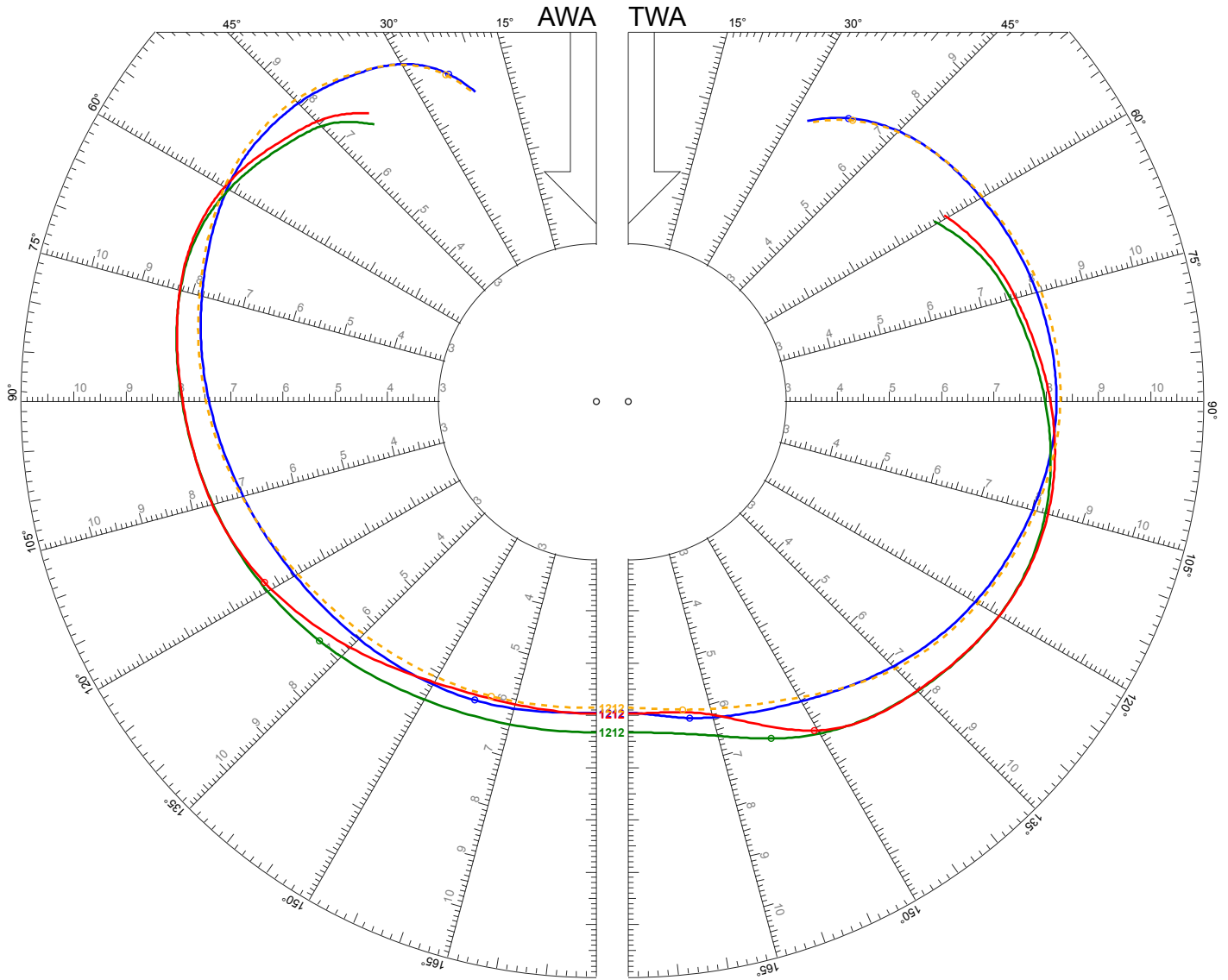
This page contains the polar curves for the specified true wind speed. The curves shown with **solid** line and the corresponding areas in the legend refer to the **largest headsail** or **symmetric** or **asymmetric** spinnaker. The curves of the **headsail set flying**, shown with **dashed** lines, refer to the individual sails of this kind recorded in the boat's sails inventory. The area and identifier of the respective sails is shown in the legend.

TWS: 10

- **Headsail, 49.33 m<sup>2</sup>**
- **Symmetric, 91.52 m<sup>2</sup>**
- **Asymmetric on Centerline, 87.94 m<sup>2</sup>**
- - - **Headsail set Flying 56% , 53.48 m<sup>2</sup> (id = ORC)**



# Speed Guide



Name **PARAGON OF VIRTUE**  
 Sail # **US-12345**  
 Class **TRIPP 40**  
 Designer **TRIPP**  
 Builder

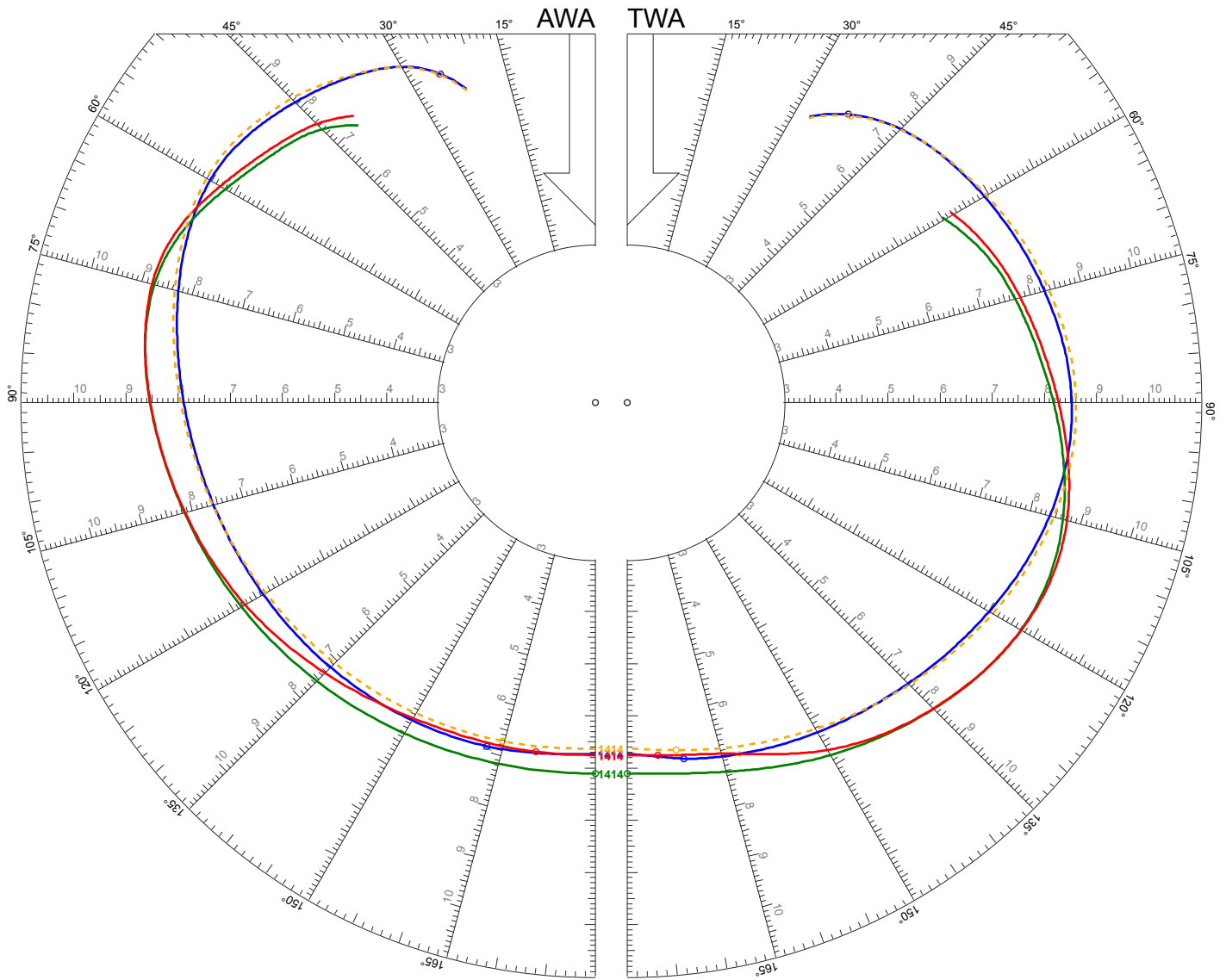
This page contains the polar curves for the specified true wind speed. The curves shown with **solid** line and the corresponding areas in the legend refer to the **largest headsail** or **symmetric** or **asymmetric** spinnaker. The curves of the **headsail set flying**, shown with **dashed** lines, refer to the individual sails of this kind recorded in the boat's sails inventory. The area and identifier of the respective sails is shown in the legend.

TWS: 12

- **Headsail, 49.33 m<sup>2</sup>**
- **Symmetric, 91.52 m<sup>2</sup>**
- **Asymmetric on Centerline, 87.94 m<sup>2</sup>**
- - - **Headsail set Flying 56% , 53.48 m<sup>2</sup> (id = ORC)**







# Speed Guide



Name **PARAGON OF VIRTUE**  
Sail # **US-12345**  
Class **TRIPP 40**  
Designer **TRIPP**  
Builder

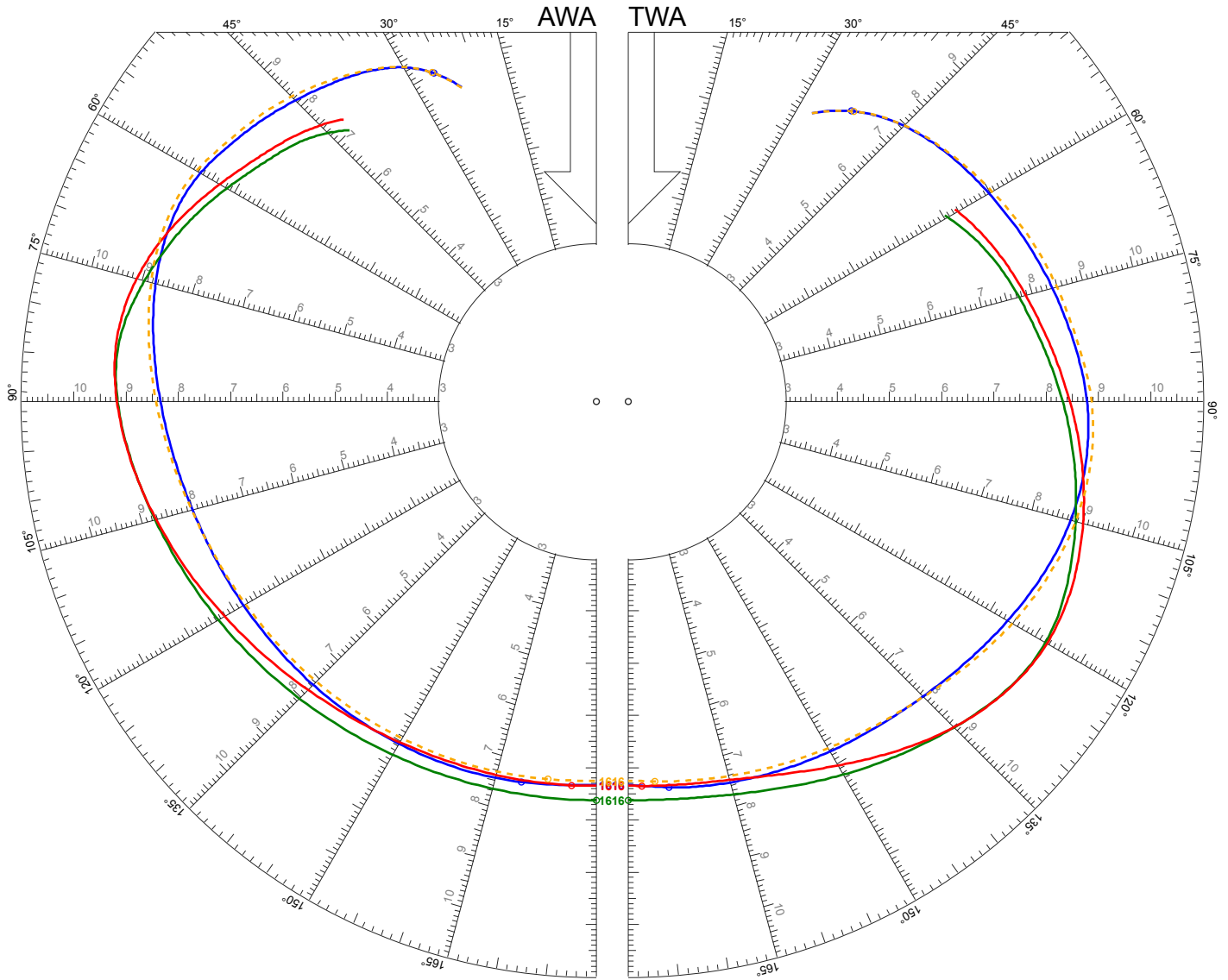
This page contains the polar curves for the specified true wind speed. The curves shown with **solid** line and the corresponding areas in the legend refer to the **largest headsail** or **symmetric** or **asymmetric** spinnaker. The curves of the **headsail set flying**, shown with **dashed** lines, refer to the individual sails of this kind recorded in the boat's sails inventory. The area and identifier of the respective sails is shown in the legend.

TWS: 14

-  **Headsail, 49.33 m<sup>2</sup>**
-  **Symmetric, 91.52 m<sup>2</sup>**
-  **Asymmetric on Centerline, 87.94 m<sup>2</sup>**
-  **Headsail set Flying 56% , 53.48 m<sup>2</sup> (id = ORC)**



# Speed Guide



Name **PARAGON OF VIRTUE**  
Sail # **US-12345**  
Class **TRIPP 40**  
Designer **TRIPP**  
Builder

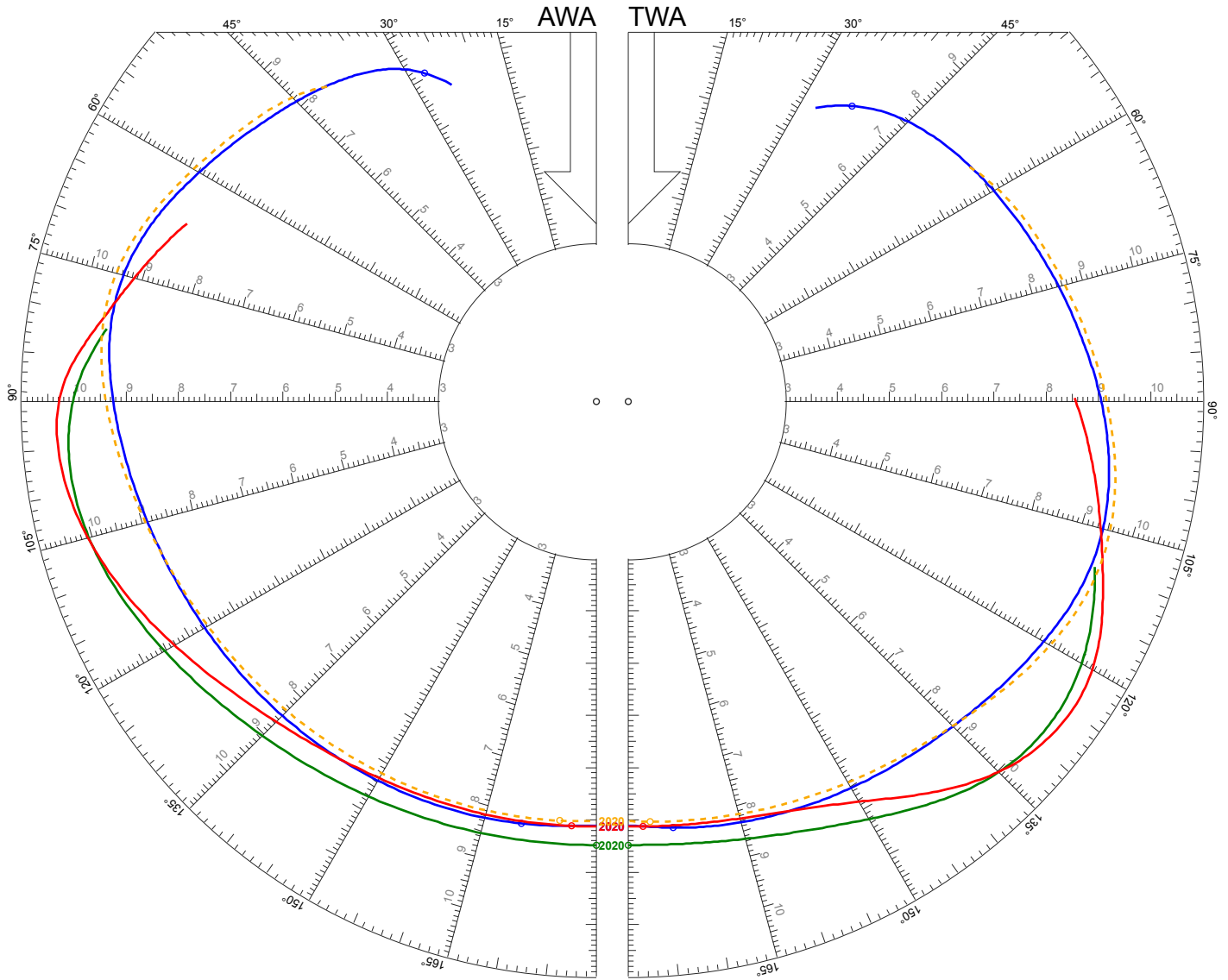
This page contains the polar curves for the specified true wind speed. The curves shown with **solid** line and the corresponding areas in the legend refer to the **largest headsail** or **symmetric** or **asymmetric** spinnaker. The curves of the **headsail set flying**, shown with **dashed** lines, refer to the individual sails of this kind recorded in the boat's sails inventory. The area and identifier of the respective sails is shown in the legend.

TWS: 16

- **Headsail, 49.33 m<sup>2</sup>**
- **Symmetric, 91.52 m<sup>2</sup>**
- **Asymmetric on Centerline, 87.94 m<sup>2</sup>**
- - - **Headsail set Flying 56% , 53.48 m<sup>2</sup> (id = ORC)**



# Speed Guide



Name **PARAGON OF VIRTUE**  
Sail # **US-12345**  
Class **TRIPP 40**  
Designer **TRIPP**  
Builder

This page contains the polar curves for the specified true wind speed. The curves shown with **solid** line and the corresponding areas in the legend refer to the **largest headsail** or **symmetric** or **asymmetric** spinnaker. The curves of the **headsail set flying**, shown with **dashed** lines, refer to the individual sails of this kind recorded in the boat's sails inventory. The area and identifier of the respective sails is shown in the legend.

TWS: 20

- **Headsail, 49.33 m<sup>2</sup>**
- **Symmetric, 91.52 m<sup>2</sup>**
- **Asymmetric on Centerline, 87.94 m<sup>2</sup>**
- - - - - **Headsail set Flying 56% , 53.48 m<sup>2</sup> (id = ORC)**





**PARAGON OF VIRTUE  
US-12345  
TRIPP 40**

**Best Performance**

TWS = 6kts							
TWA	BTV	VMG	AWS	AWA	Heel	Reef	Flat
42.0°	5.39	4.01	10.48	21.8°	6.3°	1.000	0.972
52°	6.07	3.74	10.70	25.3°	6.7°	1.000	1.000
60°	6.42	3.21	10.61	28.3°	6.3°	1.000	1.000
70°	6.69	2.29	10.23	32.0°	5.3°	1.000	0.990
75°	6.77	1.75	9.98	34.0°	4.7°	1.000	1.000
80°	6.82	1.18	9.68	36.0°	3.8°	1.000	1.000
90°	6.80	0.00	8.94	40.4°	1.4°	1.000	1.000
110°	6.14	2.10	6.85	52.7°	0.0°	1.000	1.000
120°	5.91	2.95	5.91	60.0°	0.0°	1.000	1.000
135°	5.26	3.72	4.34	76.0°	0.0°	1.000	1.000
142.0°	4.85	3.82	3.67	87.6°	0.0°	1.000	1.000
150°	4.35	3.77	3.09	105.2°	-0.1°	1.000	1.000
165°	3.62	3.50	2.62	144.2°	4.8°	1.000	1.000
180°	3.40	3.40	2.55	180.0°	3.9°	1.000	1.000

TWS = 8kts							
TWA	BTV	VMG	AWS	AWA	Heel	Reef	Flat
40.9°	6.35	4.80	13.17	21.9°	14.7°	1.000	0.957
52°	7.07	4.35	13.22	26.4°	16.1°	1.000	0.981
60°	7.30	3.65	12.87	30.0°	14.9°	1.000	0.972
70°	7.47	2.55	12.31	34.9°	13.3°	1.000	0.992
75°	7.51	1.94	11.98	37.5°	11.9°	1.000	1.000
80°	7.53	1.31	11.60	40.1°	10.2°	1.000	1.000
90°	7.52	0.00	10.74	45.6°	6.5°	1.000	1.000
110°	7.28	2.49	8.70	58.2°	3.2°	1.000	1.000
120°	7.11	3.56	7.52	65.0°	0.1°	1.000	1.000
135°	6.48	4.58	5.68	81.2°	-0.1°	1.000	1.000
148.0°	5.64	4.79	4.35	104.6°	0.3°	1.000	1.000
150°	5.52	4.78	4.20	108.9°	0.0°	1.000	1.000
165°	4.73	4.57	3.58	145.1°	4.9°	1.000	1.000
180°	4.47	4.47	3.47	180.0°	3.9°	1.000	1.000

TWS = 10kts							
TWA	BTV	VMG	AWS	AWA	Heel	Reef	Flat
39.0°	6.73	5.23	15.29	21.6°	21.6°	1.000	0.881
52°	7.45	4.58	15.07	27.4°	23.8°	1.000	0.936
60°	7.65	3.83	14.59	31.6°	22.8°	1.000	0.942
70°	7.84	2.68	13.97	37.3°	20.0°	1.000	0.962
75°	7.89	2.04	13.61	40.3°	18.2°	1.000	0.972
80°	7.92	1.37	13.20	43.4°	16.7°	1.000	0.992
90°	7.90	0.00	12.32	50.1°	11.6°	1.000	1.000
110°	7.84	2.68	10.18	63.9°	8.2°	1.000	1.000
120°	7.72	3.86	8.96	71.8°	2.7°	1.000	1.000
135°	7.34	5.19	7.03	87.4°	0.0°	1.000	1.000
150°	6.56	5.68	5.37	112.4°	0.2°	1.000	1.000
150.0°	6.56	5.68	5.37	112.4°	0.4°	1.000	1.000
165°	5.71	5.51	4.65	146.6°	5.0°	1.000	1.000
180°	5.43	5.43	4.49	180.0°	2.8°	1.000	1.000

TWS = 12kts							
TWA	BTV	VMG	AWS	AWA	Heel	Reef	Flat
37.9°	6.87	5.43	17.22	22.2°	23.1°	1.000	0.742
52°	7.60	4.68	16.74	29.1°	25.1°	1.000	0.781
60°	7.83	3.92	16.19	33.3°	26.0°	1.000	0.834
70°	8.09	2.77	15.36	38.6°	26.7°	1.000	0.926
75°	8.18	2.12	14.99	42.0°	25.0°	1.000	0.947
80°	8.24	1.43	14.62	45.6°	22.6°	1.000	0.962
90°	8.27	0.00	13.77	53.1°	17.5°	1.000	1.000
110°	8.32	2.85	11.57	68.2°	13.8°	1.000	1.000
120°	8.20	4.10	10.44	77.6°	8.0°	1.000	1.000
135°	7.83	5.54	8.44	94.0°	0.1°	1.000	1.000
150°	7.33	6.35	6.65	116.6°	1.4°	1.000	1.000
157.0°	7.00	6.44	6.09	130.4°	4.1°	1.000	1.000
165°	6.62	6.39	5.76	147.8°	5.0°	1.000	1.000
180°	6.32	6.32	5.57	180.0°	2.8°	1.000	1.000

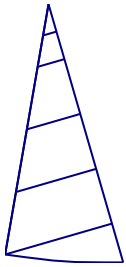
TWS = 14kts							
TWA	BTV	VMG	AWS	AWA	Heel	Reef	Flat
37.5°	6.97	5.53	19.09	23.0°	23.8°	1.000	0.627
52°	7.69	4.74	18.40	30.6°	25.9°	0.949	0.754
60°	7.95	3.98	17.79	35.0°	27.0°	0.959	0.793
70°	8.25	2.82	16.83	40.5°	28.7°	1.000	0.819
75°	8.37	2.17	16.29	43.5°	29.0°	0.985	0.904
80°	8.48	1.47	15.79	46.9°	28.4°	1.000	0.931
90°	8.61	0.00	15.10	55.3°	22.4°	1.000	0.972
110°	8.80	3.01	12.75	71.2°	20.2°	1.000	1.000
120°	8.72	4.36	11.84	81.0°	10.7°	1.000	1.000
135°	8.30	5.87	9.94	98.8°	0.8°	1.000	1.000
150°	7.80	6.75	8.13	121.4°	1.6°	1.000	1.000
165°	7.32	7.07	7.06	149.5°	4.2°	1.000	1.000
180°	7.10	7.10	6.77	180.0°	2.9°	1.000	1.000
180.0°	7.10	7.10	6.77	180.0°	2.4°	1.000	1.000

TWS = 16kts							
TWA	BTV	VMG	AWS	AWA	Heel	Reef	Flat
37.5°	7.01	5.56	20.87	23.7°	25.3°	0.785	0.594
52°	7.76	4.78	20.10	32.0°	26.0°	0.945	0.652
60°	8.05	4.02	19.38	36.5°	27.8°	0.940	0.725
70°	8.36	2.86	18.35	42.5°	28.9°	0.947	0.805
75°	8.50	2.20	17.81	45.8°	28.9°	0.952	0.850
80°	8.61	1.50	17.22	49.3°	28.9°	0.950	0.919
90°	8.87	0.00	16.23	56.9°	27.1°	1.000	0.942
110°	9.15	3.13	14.12	74.3°	21.8°	0.978	0.949
120°	9.25	4.63	13.14	83.8°	15.7°	1.000	1.000
135°	8.82	6.24	11.46	102.1°	3.6°	1.000	1.000
150°	8.24	7.13	9.66	124.8°	1.9°	1.000	1.000
165°	7.78	7.51	8.58	151.5°	4.3°	1.000	1.000
180°	7.62	7.62	8.23	180.0°	1.9°	1.000	1.000
180.0°	7.62	7.62	8.23	180.0°	2.6°	1.000	1.000

TWS = 20kts							
TWA	BTV	VMG	AWS	AWA	Heel	Reef	Flat
37.1°	7.10	5.66	24.37	25.2°	23.5°	0.481	0.594
52°	7.84	4.83	23.66	34.9°	24.1°	0.500	0.594
60°	8.16	4.08	22.58	39.2°	28.3°	0.914	0.594
70°	8.50	2.91	21.44	45.9°	29.1°	0.932	0.644
75°	8.65	2.24	20.84	49.6°	29.0°	0.932	0.691
80°	8.81	1.53	20.21	53.3°	29.1°	0.934	0.745
90°	9.16	0.00	18.91	61.0°	29.1°	0.947	0.870
110°	9.73	3.33	17.50	80.2°	21.8°	0.994	0.951
120°	10.26	5.13	15.64	88.1°	21.9°	0.980	0.949
135°	10.02	7.09	14.32	106.1°	10.9°	1.000	1.000
150°	9.22	7.98	12.69	128.8°	4.6°	1.000	1.000
165°	8.66	8.36	11.67	154.0°	4.7°	1.000	1.000
180°	8.48	8.48	11.34	180.0°	1.9°	1.000	1.000
180.0°	8.48	8.48	11.34	180.0°	2.0°	1.000	1.000



**PARAGON OF VIRTUE  
US-12345  
TRIPP 40**



**Headsail, 49.33 m<sup>2</sup>**

TWS = 6kts							
TWA	BTV	VMG	AWS	AWA	Heel	Reef	Flat
42.0°	5.39	4.01	10.48	21.8°	6.3°	1.000	0.972
52°	6.07	3.74	10.70	25.3°	6.7°	1.000	1.000
60°	6.42	3.21	10.61	28.3°	6.3°	1.000	1.000
70°	6.65	2.28	10.24	32.3°	5.0°	1.000	1.000
75°	6.71	1.74	9.96	34.4°	4.1°	1.000	1.000
80°	6.72	1.17	9.64	36.6°	3.1°	1.000	1.000
90°	6.66	0.00	8.86	41.3°	0.9°	1.000	1.000
110°	6.00	2.05	6.80	54.0°	0.0°	1.000	1.000
120°	5.43	2.72	5.66	63.8°	0.0°	1.000	1.000
135°	4.41	3.12	4.17	86.6°	0.0°	1.000	1.000
150°	3.69	3.19	3.26	115.5°	1.4°	1.000	1.000
165°	3.38	3.27	2.72	146.4°	6.5°	1.000	1.000
165.0°	3.38	3.27	2.72	146.3°	3.5°	1.000	1.000
180°	3.17	3.17	2.68	180.0°	4.4°	1.000	1.000

TWS = 8kts							
TWA	BTV	VMG	AWS	AWA	Heel	Reef	Flat
40.9°	6.35	4.80	13.17	21.9°	14.7°	1.000	0.957
52°	7.07	4.35	13.22	26.4°	16.1°	1.000	0.981
60°	7.29	3.64	12.92	30.1°	15.4°	1.000	1.000
70°	7.42	2.54	12.34	35.3°	12.7°	1.000	1.000
75°	7.45	1.93	11.99	37.9°	11.2°	1.000	1.000
80°	7.45	1.29	11.61	40.6°	9.6°	1.000	1.000
90°	7.44	0.00	10.74	46.2°	6.1°	1.000	1.000
110°	7.03	2.41	8.54	59.3°	0.0°	1.000	1.000
120°	6.51	3.25	7.26	69.0°	0.0°	1.000	1.000
135°	5.49	3.88	5.55	90.7°	0.0°	1.000	1.000
150°	4.79	4.14	4.40	117.1°	2.6°	1.000	1.000
165°	4.44	4.29	3.68	147.0°	6.6°	1.000	1.000
166.5°	4.41	4.29	3.65	150.2°	3.7°	1.000	1.000
180°	4.19	4.19	3.62	180.0°	4.4°	1.000	1.000

TWS = 10kts							
TWA	BTV	VMG	AWS	AWA	Heel	Reef	Flat
39.0°	6.73	5.23	15.29	21.6°	21.6°	1.000	0.881
52°	7.45	4.58	15.07	27.4°	23.8°	1.000	0.936
60°	7.64	3.82	14.67	31.8°	22.3°	1.000	0.951
70°	7.78	2.66	14.00	37.6°	19.9°	1.000	0.980
75°	7.82	2.02	13.61	40.6°	18.7°	1.000	1.000
80°	7.84	1.36	13.22	43.9°	16.4°	1.000	1.000
90°	7.84	0.00	12.35	50.6°	11.4°	1.000	1.000
110°	7.55	2.58	10.10	65.4°	1.2°	1.000	1.000
120°	7.25	3.63	8.80	74.5°	0.0°	1.000	1.000
135°	6.42	4.54	6.96	94.3°	0.1°	1.000	1.000
150°	5.74	4.97	5.60	119.2°	2.7°	1.000	1.000
165°	5.39	5.20	4.74	148.1°	6.7°	1.000	1.000
168.0°	5.33	5.21	4.66	154.3°	4.0°	1.000	1.000
180°	5.11	5.11	4.65	180.0°	4.4°	1.000	1.000

TWS = 12kts							
TWA	BTV	VMG	AWS	AWA	Heel	Reef	Flat
37.9°	6.87	5.43	17.22	22.2°	23.1°	1.000	0.742
52°	7.60	4.68	16.78	29.0°	26.2°	1.000	0.815
60°	7.80	3.90	16.23	33.4°	26.4°	1.000	0.862
70°	8.02	2.74	15.41	39.1°	26.2°	1.000	0.937
75°	8.10	2.10	15.04	42.5°	24.4°	1.000	0.952
80°	8.15	1.42	14.65	46.1°	22.3°	1.000	0.970
90°	8.20	0.00	13.82	53.6°	17.2°	1.000	1.000
110°	7.91	2.70	11.67	70.5°	4.1°	1.000	1.000
120°	7.67	3.83	10.34	80.0°	0.0°	1.000	1.000
135°	7.17	5.07	8.41	98.0°	0.0°	1.000	1.000
150°	6.62	5.73	6.85	121.2°	3.9°	1.000	1.000
165°	6.25	6.04	5.87	149.1°	5.7°	1.000	1.000
169.0°	6.17	6.05	5.76	157.3°	4.4°	1.000	1.000
180°	5.95	5.95	5.76	180.0°	3.4°	1.000	1.000

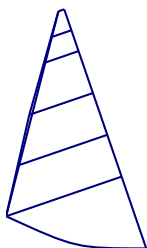
TWS = 14kts							
TWA	BTV	VMG	AWS	AWA	Heel	Reef	Flat
37.5°	6.97	5.53	19.09	23.0°	23.8°	1.000	0.627
52°	7.68	4.73	18.47	30.5°	26.9°	1.000	0.699
60°	7.91	3.95	17.80	35.0°	28.2°	1.000	0.756
70°	8.17	2.79	16.83	40.8°	29.0°	1.000	0.841
75°	8.28	2.14	16.31	43.9°	29.1°	1.000	0.892
80°	8.39	1.46	15.84	47.4°	28.2°	1.000	0.936
90°	8.53	0.00	15.13	55.7°	22.5°	1.000	0.980
110°	8.28	2.83	13.25	74.3°	7.7°	1.000	1.000
120°	8.01	4.01	11.94	84.5°	2.2°	1.000	1.000
135°	7.61	5.38	9.94	102.2°	0.3°	1.000	1.000
150°	7.29	6.32	8.21	123.8°	4.1°	1.000	1.000
165°	7.02	6.78	7.08	150.3°	5.8°	1.000	1.000
171.0°	6.90	6.82	6.91	162.0°	3.6°	1.000	1.000
180°	6.73	6.73	6.93	180.0°	3.4°	1.000	1.000

TWS = 16kts							
TWA	BTV	VMG	AWS	AWA	Heel	Reef	Flat
37.5°	7.01	5.56	20.87	23.7°	25.3°	0.785	0.594
52°	7.73	4.76	20.16	32.0°	27.1°	1.000	0.600
60°	7.97	3.99	19.42	36.6°	28.4°	1.000	0.652
70°	8.27	2.83	18.32	42.6°	29.9°	1.000	0.737
75°	8.41	2.18	17.75	45.9°	30.1°	1.000	0.787
80°	8.54	1.48	17.19	49.4°	29.9°	1.000	0.843
90°	8.78	0.00	16.26	57.3°	27.3°	1.000	0.949
110°	8.67	2.96	14.75	77.0°	12.0°	1.000	1.000
120°	8.39	4.19	13.54	87.7°	5.5°	1.000	1.000
135°	7.98	5.64	11.53	105.7°	0.7°	1.000	1.000
150°	7.72	6.69	9.73	126.7°	4.4°	1.000	1.000
165°	7.54	7.28	8.52	151.9°	4.9°	1.000	1.000
174.0°	7.42	7.38	8.26	168.6°	3.7°	1.000	1.000
180°	7.33	7.33	8.29	180.0°	2.4°	1.000	1.000

TWS = 20kts							
TWA	BTV	VMG	AWS	AWA	Heel	Reef	Flat
37.1°	7.10	5.66	24.37	25.2°	23.5°	0.481	0.594
52°	7.84	4.83	23.66	34.9°	24.1°	0.500	0.594
60°	8.08	4.04	23.02	40.4°	24.1°	0.538	0.594
70°	8.37	2.86	21.38	46.0°	30.3°	0.879	0.594
75°	8.53	2.21	20.73	49.6°	30.5°	1.000	0.611
80°	8.70	1.51	19.96	53.1°	31.5°	1.000	0.674
90°	9.06	0.00	18.68	61.0°	31.2°	1.000	0.807
110°	9.40	3.21	17.15	80.8°	22.1°	1.000	1.000
120°	9.18	4.59	16.46	92.1°	14.0°	1.000	1.000
135°	8.79	6.21	14.67	110.2°	6.7°	1.000	1.000
150°	8.53	7.39	12.85	130.7°	4.0°	1.000	1.000
165°	8.33	8.05	11.63	154.4°	4.3°	1.000	1.000
174.0°	8.19	8.15	11.38	169.7°	2.9°	1.000	1.000
180°	8.11	8.11	11.41	180.0°	1.4°	1.000	1.000



**PARAGON OF VIRTUE  
US-12345  
TRIPP 40**



**Headsail set Flying 56% ,  
53.48 m<sup>2</sup>  
(id = ORC)**

TWS = 6kts							
TWA	BTV	VMG	AWS	AWA	Heel	Reef	Flat
42.8°	5.35	3.93	10.36	22.1°	6.8°	1.000	0.957
52°	6.00	3.70	10.59	25.4°	5.8°	1.000	0.967
60°	6.39	3.20	10.54	28.2°	6.0°	1.000	0.977
70°	6.69	2.29	10.23	32.0°	5.3°	1.000	0.990
75°	6.77	1.75	9.98	34.0°	4.7°	1.000	1.000
80°	6.82	1.18	9.68	36.0°	3.8°	1.000	1.000
90°	6.80	0.00	8.94	40.4°	1.4°	1.000	1.000
110°	6.14	2.10	6.85	52.7°	0.0°	1.000	1.000
120°	5.55	2.78	5.69	62.3°	0.0°	1.000	1.000
135°	4.52	3.19	4.15	84.7°	0.0°	1.000	1.000
<b>138.0°</b>	<b>4.31</b>	<b>3.20</b>	<b>3.91</b>	<b>90.5°</b>	<b>-0.1°</b>	<b>1.000</b>	<b>1.000</b>
150°	3.65	3.16	3.25	115.9°	1.5°	1.000	1.000
165°	3.28	3.17	2.79	147.5°	6.6°	1.000	1.000
180°	3.12	3.12	2.73	180.0°	4.5°	1.000	1.000

TWS = 8kts							
TWA	BTV	VMG	AWS	AWA	Heel	Reef	Flat
41.6°	6.32	4.72	13.05	22.3°	14.0°	1.000	0.947
52°	7.04	4.33	13.14	26.4°	15.5°	1.000	0.962
60°	7.30	3.65	12.87	30.0°	14.9°	1.000	0.972
70°	7.47	2.55	12.31	34.9°	13.3°	1.000	0.992
75°	7.51	1.94	11.98	37.5°	11.9°	1.000	1.000
80°	7.53	1.31	11.60	40.1°	10.2°	1.000	1.000
90°	7.52	0.00	10.74	45.6°	6.5°	1.000	1.000
110°	7.12	2.44	8.54	58.4°	0.0°	1.000	1.000
120°	6.63	3.31	7.26	67.8°	0.0°	1.000	1.000
135°	5.60	3.96	5.51	89.1°	0.0°	1.000	1.000
150°	4.73	4.10	4.39	117.5°	2.6°	1.000	1.000
165°	4.31	4.16	3.78	148.0°	6.6°	1.000	1.000
<b>166.0°</b>	<b>4.29</b>	<b>4.16</b>	<b>3.76</b>	<b>150.1°</b>	<b>4.7°</b>	<b>1.000</b>	<b>1.000</b>
180°	4.11	4.11	3.68	180.0°	4.5°	1.000	1.000

TWS = 10kts							
TWA	BTV	VMG	AWS	AWA	Heel	Reef	Flat
39.8°	6.72	5.16	15.20	22.2°	20.2°	1.000	0.857
52°	7.43	4.57	15.00	27.4°	23.4°	1.000	0.919
60°	7.65	3.83	14.59	31.6°	22.8°	1.000	0.942
70°	7.84	2.68	13.97	37.3°	20.0°	1.000	0.962
75°	7.89	2.04	13.61	40.3°	18.2°	1.000	0.972
80°	7.92	1.37	13.20	43.4°	16.7°	1.000	0.992
90°	7.90	0.00	12.32	50.1°	11.6°	1.000	1.000
110°	7.61	2.60	10.07	64.8°	1.3°	1.000	1.000
120°	7.32	3.66	8.77	73.7°	-0.1°	1.000	1.000
135°	6.53	4.62	6.90	93.0°	0.0°	1.000	1.000
150°	5.67	4.91	5.60	119.7°	3.8°	1.000	1.000
165°	5.24	5.06	4.85	149.0°	6.7°	1.000	1.000
<b>169.0°</b>	<b>5.16</b>	<b>5.07</b>	<b>4.76</b>	<b>157.1°</b>	<b>4.9°</b>	<b>1.000</b>	<b>1.000</b>
180°	5.03	5.03	4.71	180.0°	4.5°	1.000	1.000

TWS = 12kts							
TWA	BTV	VMG	AWS	AWA	Heel	Reef	Flat
38.6°	6.89	5.38	17.13	22.6°	22.4°	0.999	0.728
52°	7.60	4.68	16.74	29.1°	25.1°	1.000	0.781
60°	7.83	3.92	16.19	33.3°	26.0°	1.000	0.834
70°	8.09	2.77	15.36	38.6°	26.7°	1.000	0.926
75°	8.18	2.12	14.99	42.0°	25.0°	1.000	0.947
80°	8.24	1.43	14.62	45.6°	22.6°	1.000	0.962
90°	8.27	0.00	13.77	53.1°	17.5°	1.000	1.000
110°	7.97	2.72	11.62	70.0°	4.1°	1.000	1.000
120°	7.73	3.86	10.28	79.4°	-0.1°	1.000	1.000
135°	7.22	5.11	8.34	97.2°	0.1°	1.000	1.000
150°	6.53	5.66	6.86	121.7°	3.9°	1.000	1.000
165°	6.08	5.88	5.99	150.0°	6.8°	1.000	1.000
<b>170.0°</b>	<b>5.98</b>	<b>5.89</b>	<b>5.88</b>	<b>159.9°</b>	<b>4.1°</b>	<b>1.000</b>	<b>1.000</b>
180°	5.85	5.85	5.84	180.0°	3.5°	1.000	1.000

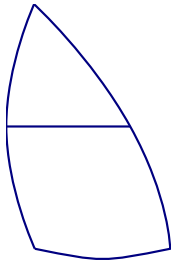
TWS = 14kts							
TWA	BTV	VMG	AWS	AWA	Heel	Reef	Flat
37.9°	6.97	5.50	19.01	23.3°	22.7°	0.999	0.608
52°	7.69	4.74	18.40	30.6°	25.9°	0.949	0.754
60°	7.95	3.98	17.79	35.0°	27.0°	0.959	0.793
70°	8.25	2.82	16.83	40.5°	28.7°	1.000	0.819
75°	8.37	2.17	16.29	43.5°	29.0°	0.985	0.904
80°	8.48	1.47	15.79	46.9°	28.4°	1.000	0.931
90°	8.61	0.00	15.10	55.3°	22.4°	1.000	0.972
110°	8.35	2.86	13.19	73.7°	7.6°	1.000	1.000
120°	8.09	4.04	11.86	83.8°	2.0°	1.000	1.000
135°	7.64	5.40	9.87	101.8°	0.3°	1.000	1.000
150°	7.22	6.25	8.22	124.1°	4.1°	1.000	1.000
165°	6.86	6.62	7.20	150.9°	6.9°	1.000	1.000
<b>172.0°</b>	<b>6.72</b>	<b>6.66</b>	<b>7.02</b>	<b>164.4°</b>	<b>4.3°</b>	<b>1.000</b>	<b>1.000</b>
180°	6.63	6.63	7.01	180.0°	3.5°	1.000	1.000

TWS = 16kts							
TWA	BTV	VMG	AWS	AWA	Heel	Reef	Flat
37.9°	7.04	5.56	20.77	24.1°	23.7°	0.951	0.594
52°	7.76	4.78	20.10	32.0°	26.0°	0.945	0.652
60°	8.05	4.02	19.38	36.5°	27.8°	0.940	0.725
70°	8.36	2.86	18.35	42.5°	28.9°	0.947	0.805
75°	8.50	2.20	17.81	45.8°	28.9°	0.952	0.850
80°	8.61	1.50	17.22	49.3°	28.9°	0.950	0.919
90°	8.87	0.00	16.23	56.9°	27.1°	1.000	0.942
110°	8.77	3.00	14.69	76.4°	11.8°	1.000	1.000
120°	8.49	4.24	13.45	87.0°	5.1°	1.000	1.000
135°	7.99	5.65	11.46	105.5°	0.6°	1.000	1.000
150°	7.65	6.63	9.73	127.0°	4.3°	1.000	1.000
165°	7.41	7.16	8.61	152.3°	6.0°	1.000	1.000
<b>176.0°</b>	<b>7.28</b>	<b>7.26</b>	<b>8.33</b>	<b>172.5°</b>	<b>3.2°</b>	<b>1.000</b>	<b>1.000</b>
180°	7.25	7.25	8.34	180.0°	3.5°	1.000	1.000

TWS = 20kts							
TWA	BTV	VMG	AWS	AWA	Heel	Reef	Flat
60°	8.16	4.08	22.58	39.2°	28.3°	0.914	0.594
70°	8.50	2.91	21.44	45.9°	29.1°	0.932	0.644
75°	8.65	2.24	20.84	49.6°	29.0°	0.932	0.691
80°	8.81	1.53	20.21	53.3°	29.1°	0.934	0.745
90°	9.16	0.00	18.91	61.0°	29.1°	0.947	0.870
110°	9.55	3.27	17.10	80.0°	21.8°	1.000	1.000
120°	9.33	4.66	16.41	91.4°	13.0°	1.000	1.000
135°	8.78	6.21	14.65	110.0°	4.0°	1.000	1.000
150°	8.41	7.28	12.88	131.1°	4.8°	1.000	1.000
165°	8.17	7.89	11.75	154.7°	5.3°	1.000	1.000
<b>177.0°</b>	<b>8.04</b>	<b>8.03</b>	<b>11.45</b>	<b>174.9°</b>	<b>2.9°</b>	<b>1.000</b>	<b>1.000</b>
180°	8.03	8.03	11.46	180.0°	1.5°	1.000	1.000



**PARAGON OF VIRTUE  
US-12345  
TRIPP 40**



**Asymmetric on Centerline,  
87.94 m<sup>2</sup>**

TWS = 6kts							
TWA	BTV	VMG	AWS	AWA	Heel	Reef	Flat
60°	4.58	2.29	9.14	34.3°	0.0°	1.000	0.964
70°	5.35	1.83	9.25	37.1°	1.1°	1.000	0.969
75°	5.65	1.46	9.18	38.6°	1.7°	1.000	0.974
80°	5.89	1.02	9.04	40.1°	2.1°	1.000	0.974
90°	6.19	0.00	8.56	43.7°	1.9°	1.000	0.988
110°	6.13	2.10	6.91	53.5°	0.0°	1.000	1.000
120°	5.91	2.95	5.91	60.0°	0.0°	1.000	1.000
135°	5.25	3.71	4.31	75.6°	0.0°	1.000	1.000
<b>143.0°</b>	<b>4.78</b>	<b>3.82</b>	<b>3.55</b>	<b>88.8°</b>	<b>0.0°</b>	<b>1.000</b>	<b>1.000</b>
150°	4.35	3.77	3.04	104.3°	-0.1°	1.000	1.000
165°	3.36	3.25	2.80	147.0°	4.8°	1.000	1.000
180°	3.19	3.19	2.72	180.0°	3.9°	1.000	1.000

TWS = 8kts							
TWA	BTV	VMG	AWS	AWA	Heel	Reef	Flat
60°	5.73	2.87	11.84	35.1°	6.9°	1.000	0.964
70°	6.59	2.25	11.82	38.2°	10.0°	1.000	0.969
75°	6.89	1.78	11.64	39.9°	11.1°	1.000	0.974
80°	7.08	1.23	11.37	42.0°	11.2°	1.000	0.974
90°	7.28	0.00	10.64	46.8°	9.9°	1.000	0.997
110°	7.28	2.49	8.70	58.2°	3.2°	1.000	1.000
120°	7.11	3.56	7.52	65.0°	0.1°	1.000	1.000
135°	6.47	4.57	5.64	80.8°	0.1°	1.000	1.000
<b>147.5°</b>	<b>5.67</b>	<b>4.79</b>	<b>4.33</b>	<b>102.7°</b>	<b>-0.3°</b>	<b>1.000</b>	<b>1.000</b>
150°	5.51	4.77	4.13	108.2°	0.0°	1.000	1.000
165°	4.41	4.26	3.79	147.6°	5.0°	1.000	1.000
180°	4.20	4.20	3.68	180.0°	3.9°	1.000	1.000

TWS = 10kts							
TWA	BTV	VMG	AWS	AWA	Heel	Reef	Flat
60°	6.64	3.32	14.17	35.3°	16.4°	1.000	0.955
70°	7.32	2.50	13.73	39.0°	20.3°	1.000	0.945
75°	7.49	1.94	13.36	41.4°	21.0°	1.000	0.950
80°	7.61	1.32	12.98	44.2°	20.3°	1.000	0.955
90°	7.77	0.00	12.17	50.3°	17.4°	1.000	0.978
110°	7.84	2.68	10.18	63.9°	8.2°	1.000	1.000
120°	7.72	3.86	8.96	71.8°	2.7°	1.000	1.000
135°	7.34	5.19	6.96	86.8°	-0.1°	1.000	1.000
<b>148.5°</b>	<b>6.63</b>	<b>5.66</b>	<b>5.41</b>	<b>108.7°</b>	<b>0.4°</b>	<b>1.000</b>	<b>1.000</b>
150°	6.52	5.65	5.29	112.0°	0.1°	1.000	1.000
165°	5.35	5.17	4.88	148.6°	5.1°	1.000	1.000
180°	5.13	5.13	4.72	180.0°	3.9°	1.000	1.000

TWS = 12kts							
TWA	BTV	VMG	AWS	AWA	Heel	Reef	Flat
60°	7.05	3.53	15.98	36.1°	21.9°	0.955	0.920
70°	7.53	2.57	15.35	41.4°	21.9°	0.925	0.906
75°	7.68	1.99	14.94	44.3°	21.9°	0.925	0.923
80°	7.81	1.36	14.50	47.3°	22.0°	0.940	0.925
90°	8.08	0.00	13.54	53.3°	21.9°	0.975	0.938
110°	8.32	2.85	11.57	68.2°	13.8°	1.000	1.000
120°	8.20	4.10	10.41	77.2°	6.3°	1.000	1.000
135°	7.82	5.53	8.35	93.5°	0.1°	1.000	1.000
150°	7.26	6.29	6.58	116.5°	1.3°	1.000	1.000
<b>150.5°</b>	<b>7.23</b>	<b>6.29</b>	<b>6.54</b>	<b>117.5°</b>	<b>0.8°</b>	<b>1.000</b>	<b>1.000</b>
165°	6.20	5.99	6.04	149.7°	5.2°	1.000	1.000
180°	5.97	5.97	5.85	180.0°	2.9°	1.000	1.000

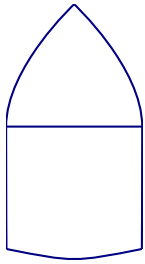
TWS = 14kts							
TWA	BTV	VMG	AWS	AWA	Heel	Reef	Flat
60°	7.22	3.61	17.70	37.8°	22.0°	0.864	0.911
70°	7.65	2.62	17.00	43.8°	21.9°	0.867	0.851
75°	7.80	2.02	16.57	47.0°	21.9°	0.878	0.851
80°	7.95	1.38	16.09	50.2°	21.9°	0.886	0.871
90°	8.27	0.00	15.07	56.7°	21.9°	0.924	0.868
110°	8.80	3.01	12.75	71.2°	20.2°	1.000	1.000
120°	8.72	4.36	11.84	81.0°	10.7°	1.000	1.000
135°	8.29	5.86	9.83	98.4°	0.0°	1.000	1.000
150°	7.68	6.65	8.06	121.6°	2.5°	1.000	1.000
165°	6.96	6.73	7.28	150.8°	5.4°	1.000	1.000
<b>175.0°</b>	<b>6.79</b>	<b>6.76</b>	<b>7.05</b>	<b>170.2°</b>	<b>3.0°</b>	<b>1.000</b>	<b>1.000</b>
180°	6.75	6.75	7.04	180.0°	3.9°	1.000	1.000

TWS = 16kts							
TWA	BTV	VMG	AWS	AWA	Heel	Reef	Flat
60°	7.28	3.64	19.42	39.5°	22.4°	0.850	0.747
70°	7.70	2.63	18.65	45.9°	22.2°	0.850	0.736
75°	7.88	2.04	18.17	49.3°	22.2°	0.850	0.764
80°	8.06	1.40	17.67	52.6°	22.1°	0.850	0.797
90°	8.46	0.00	16.59	59.3°	21.9°	0.851	0.890
110°	9.15	3.13	14.12	74.3°	21.8°	0.978	0.949
120°	9.25	4.63	13.14	83.8°	15.7°	1.000	1.000
135°	8.81	6.23	11.34	101.7°	2.1°	1.000	1.000
150°	8.04	6.96	9.63	125.4°	2.8°	1.000	1.000
165°	7.49	7.24	8.73	152.3°	5.4°	1.000	1.000
<b>178.0°</b>	<b>7.35</b>	<b>7.35</b>	<b>8.41</b>	<b>176.3°</b>	<b>2.9°</b>	<b>1.000</b>	<b>1.000</b>
180°	7.35	7.35	8.42	180.0°	2.9°	1.000	1.000

TWS = 20kts							
TWA	BTV	VMG	AWS	AWA	Heel	Reef	Flat
90°	8.57	0.00	19.75	64.3°	22.2°	0.850	0.624
110°	9.67	3.31	17.06	79.6°	22.0°	0.874	0.938
120°	10.26	5.13	15.64	88.1°	21.9°	0.980	0.949
135°	10.02	7.08	14.24	105.7°	8.6°	1.000	1.000
150°	8.84	7.65	12.77	129.9°	4.6°	1.000	1.000
165°	8.25	7.97	11.91	154.8°	5.0°	1.000	1.000
<b>178.0°</b>	<b>8.13</b>	<b>8.12</b>	<b>11.58</b>	<b>176.6°</b>	<b>2.5°</b>	<b>1.000</b>	<b>1.000</b>
180°	8.12	8.12	11.58	180.0°	1.9°	1.000	1.000



**PARAGON OF VIRTUE  
US-12345  
TRIPP 40**



**Symmetric, 91.52 m<sup>2</sup>**

TWS = 6kts							
TWA	BTV	VMG	AWS	AWA	Heel	Reef	Flat
60°	4.40	2.20	9.01	35.0°	0.1°	1.000	0.959
70°	5.22	1.79	9.17	37.7°	1.5°	1.000	0.964
75°	5.53	1.43	9.12	39.1°	2.3°	1.000	0.969
80°	5.78	1.00	8.99	40.7°	2.6°	1.000	0.969
90°	6.10	0.00	8.52	44.3°	2.4°	1.000	0.983
110°	6.08	2.08	6.91	54.2°	0.0°	1.000	1.000
120°	5.87	2.94	5.91	60.7°	0.0°	1.000	1.000
135°	5.26	3.72	4.34	76.0°	0.0°	1.000	1.000
<b>142.0°</b>	<b>4.85</b>	<b>3.82</b>	<b>3.67</b>	<b>87.6°</b>	<b>0.0°</b>	<b>1.000</b>	<b>1.000</b>
150°	4.35	3.77	3.09	105.2°	-0.1°	1.000	1.000
165°	3.62	3.50	2.62	144.2°	4.8°	1.000	1.000
180°	3.40	3.40	2.55	180.0°	3.9°	1.000	1.000

TWS = 8kts							
TWA	BTV	VMG	AWS	AWA	Heel	Reef	Flat
60°	5.54	2.77	11.71	35.7°	7.5°	1.000	0.959
70°	6.45	2.21	11.73	38.6°	10.9°	1.000	0.964
75°	6.77	1.75	11.58	40.3°	12.0°	1.000	0.964
80°	6.99	1.21	11.32	42.3°	12.4°	1.000	0.974
90°	7.21	0.00	10.61	47.2°	11.0°	1.000	0.993
110°	7.25	2.48	8.71	58.6°	4.1°	1.000	1.000
120°	7.10	3.55	7.55	65.6°	0.1°	1.000	1.000
135°	6.48	4.58	5.68	81.2°	-0.1°	1.000	1.000
<b>148.0°</b>	<b>5.64</b>	<b>4.79</b>	<b>4.35</b>	<b>104.6°</b>	<b>0.3°</b>	<b>1.000</b>	<b>1.000</b>
150°	5.52	4.78	4.20	108.9°	0.0°	1.000	1.000
165°	4.73	4.57	3.58	145.1°	4.9°	1.000	1.000
180°	4.47	4.47	3.47	180.0°	3.9°	1.000	1.000

TWS = 10kts							
TWA	BTV	VMG	AWS	AWA	Heel	Reef	Flat
60°	6.43	3.21	14.00	35.7°	17.4°	1.000	0.950
70°	7.20	2.46	13.63	39.1°	21.7°	1.000	0.940
75°	7.39	1.91	13.30	41.6°	21.9°	0.998	0.933
80°	7.53	1.31	12.91	44.3°	21.7°	1.000	0.945
90°	7.72	0.00	12.12	50.4°	18.7°	1.000	0.969
110°	7.81	2.67	10.19	64.3°	9.7°	1.000	1.000
120°	7.71	3.86	9.00	72.2°	3.8°	1.000	1.000
135°	7.34	5.19	7.03	87.4°	0.0°	1.000	1.000
150°	6.56	5.68	5.37	112.4°	0.2°	1.000	1.000
<b>150.0°</b>	<b>6.56</b>	<b>5.68</b>	<b>5.37</b>	<b>112.4°</b>	<b>0.4°</b>	<b>1.000</b>	<b>1.000</b>
165°	5.71	5.51	4.65	146.6°	5.0°	1.000	1.000
180°	5.43	5.43	4.49	180.0°	2.8°	1.000	1.000

TWS = 12kts							
TWA	BTV	VMG	AWS	AWA	Heel	Reef	Flat
60°	6.84	3.42	15.84	36.6°	21.9°	0.937	0.928
70°	7.42	2.54	15.31	41.8°	21.9°	0.902	0.926
75°	7.58	1.96	14.92	44.7°	21.9°	0.907	0.923
80°	7.72	1.34	14.49	47.7°	21.9°	0.923	0.920
90°	7.98	0.00	13.53	53.8°	21.8°	0.955	0.936
110°	8.29	2.84	11.52	68.4°	15.9°	1.000	1.000
120°	8.20	4.10	10.44	77.6°	8.0°	1.000	1.000
135°	7.83	5.54	8.44	94.0°	0.1°	1.000	1.000
150°	7.33	6.35	6.65	116.6°	1.4°	1.000	1.000
<b>157.0°</b>	<b>7.00</b>	<b>6.44</b>	<b>6.09</b>	<b>130.4°</b>	<b>4.1°</b>	<b>1.000</b>	<b>1.000</b>
165°	6.62	6.39	5.76	147.8°	5.0°	1.000	1.000
180°	6.32	6.32	5.57	180.0°	2.8°	1.000	1.000

TWS = 14kts							
TWA	BTV	VMG	AWS	AWA	Heel	Reef	Flat
60°	7.03	3.52	17.59	38.2°	22.2°	0.851	0.913
70°	7.54	2.58	16.97	44.1°	22.1°	0.851	0.856
75°	7.70	1.99	16.53	47.3°	22.1°	0.851	0.883
80°	7.85	1.36	16.08	50.6°	21.9°	0.868	0.870
90°	8.18	0.00	15.05	57.1°	21.9°	0.882	0.928
110°	8.74	2.99	12.69	71.5°	21.6°	1.000	0.978
120°	8.72	4.36	11.83	81.3°	12.8°	1.000	1.000
135°	8.30	5.87	9.94	98.8°	0.8°	1.000	1.000
150°	7.80	6.75	8.13	121.4°	1.6°	1.000	1.000
165°	7.32	7.07	7.06	149.5°	4.2°	1.000	1.000
180°	7.10	7.10	6.77	180.0°	2.9°	1.000	1.000
<b>180.0°</b>	<b>7.10</b>	<b>7.10</b>	<b>6.77</b>	<b>180.0°</b>	<b>2.4°</b>	<b>1.000</b>	<b>1.000</b>

TWS = 16kts							
TWA	BTV	VMG	AWS	AWA	Heel	Reef	Flat
60°	7.06	3.53	19.31	39.9°	22.6°	0.850	0.715
70°	7.56	2.59	18.62	46.3°	22.5°	0.850	0.700
75°	7.74	2.00	18.16	49.7°	22.4°	0.850	0.725
80°	7.92	1.38	17.67	53.1°	22.3°	0.850	0.752
90°	8.32	0.00	16.60	59.9°	22.1°	0.851	0.841
110°	9.03	3.09	14.15	75.0°	21.9°	0.955	0.943
120°	9.22	4.61	13.05	84.2°	18.3°	1.000	1.000
135°	8.82	6.24	11.46	102.1°	3.6°	1.000	1.000
150°	8.24	7.13	9.66	124.8°	1.9°	1.000	1.000
165°	7.78	7.51	8.58	151.5°	4.3°	1.000	1.000
180°	7.62	7.62	8.23	180.0°	1.9°	1.000	1.000
<b>180.0°</b>	<b>7.62</b>	<b>7.62</b>	<b>8.23</b>	<b>180.0°</b>	<b>2.6°</b>	<b>1.000</b>	<b>1.000</b>

TWS = 20kts							
TWA	BTV	VMG	AWS	AWA	Heel	Reef	Flat
110°	9.51	3.25	17.12	80.3°	22.0°	0.851	0.933
120°	10.02	5.01	15.75	89.2°	21.9°	0.953	0.945
135°	10.02	7.09	14.32	106.1°	10.9°	1.000	1.000
150°	9.22	7.98	12.69	128.8°	4.6°	1.000	1.000
165°	8.66	8.36	11.67	154.0°	4.7°	1.000	1.000
180°	8.48	8.48	11.34	180.0°	1.9°	1.000	1.000
<b>180.0°</b>	<b>8.48</b>	<b>8.48</b>	<b>11.34</b>	<b>180.0°</b>	<b>2.0°</b>	<b>1.000</b>	<b>1.000</b>