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2020
International
Double Handed

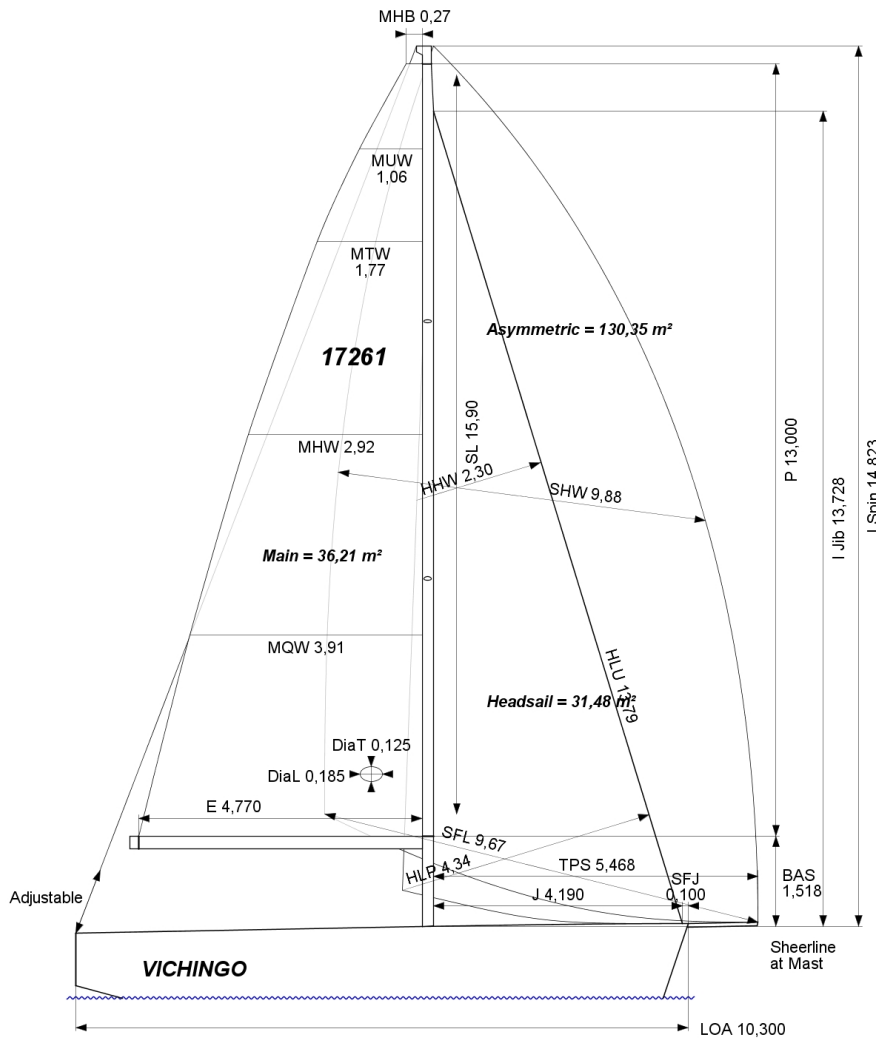
Rating Office

**Offshore
Racing
Congress**

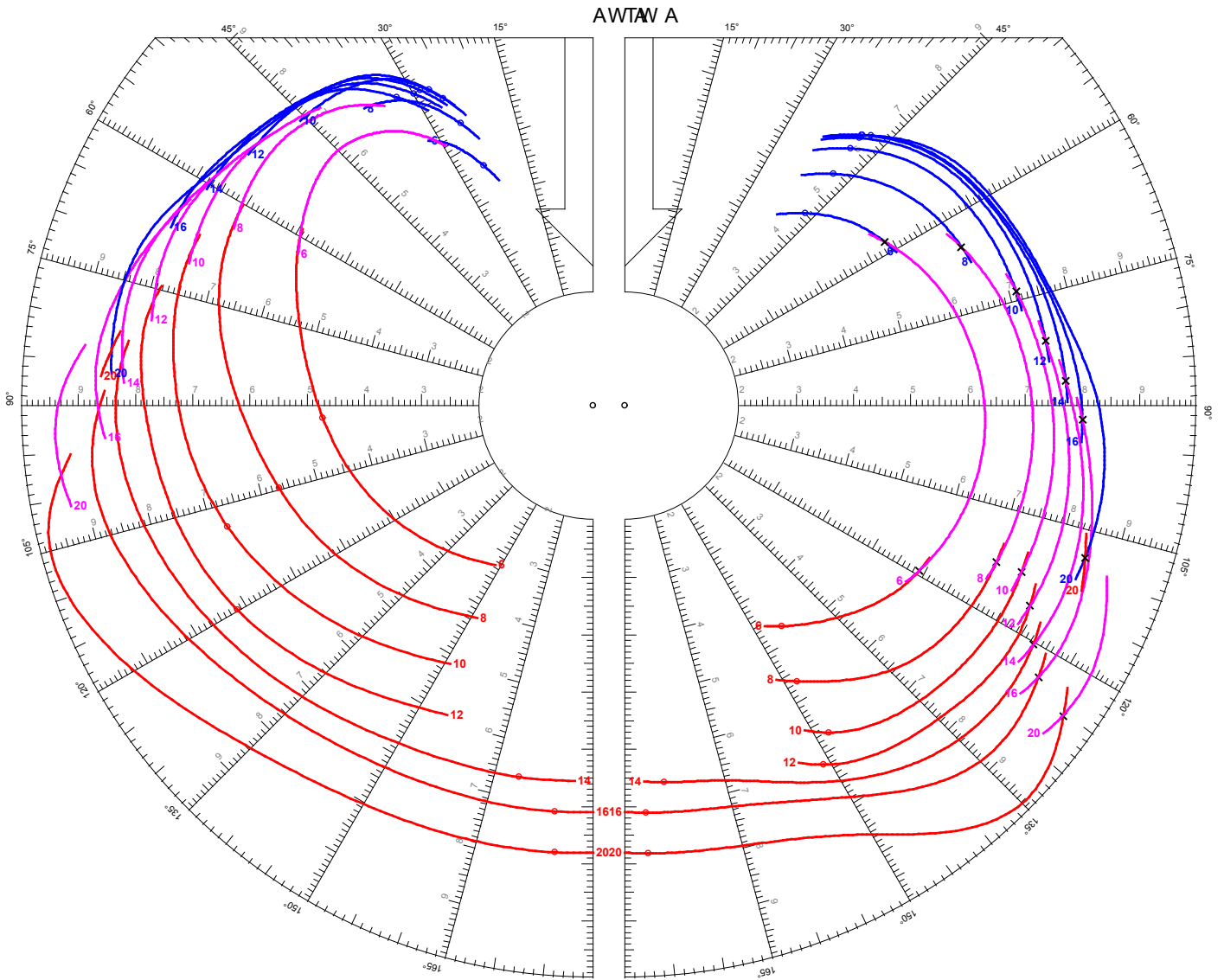


Certificate

Number **US6442**
Issued On **28/09/2020**
ORC Ref **03410000QWC**
VPP Ver. **2020 1.02**
Valid until **31/12/2020**



BOAT Name VICHINGO Sail Nr 17261		GPH 626.3	HULL Data File US6442 DH LOA 10.300m Offset File IY998MP.off MB 3.536m Displacement 4,812kg Draft 1.913m		Crew Weight Default 170kg Maximum 170kg Non Manual Pwr No
CLASS Class ITALIA 998 F Designer POLLI Builder ITALIA YACHTS Series 09/2014 Age Date 11/2016 Age Allowance 0.195%			IMS Division Cruiser/Racer Dynamic All. 0.140% Fiber Rigging No Construction Cored Crew Arm Ex Aramid Core No Carbon Rudder No Light Stanchions No		Sails Limitations Headsails 5 Spinnakers 4 Asymmetric on centerline Spinnaker configuration Symmetric: No Asymmetric: Yes 130.35 Flying H/S: No Spin. Pole: Yes
COMMENTS			IMSL 9.465m VCGD 0.112m Sink 18.06kg/mm RL 7.448m VCGM 0.095m WS 23.93m² LSM0 9.204m Displacement/Length ratio 6.1716 Water Ballast 0 Trim Tab No BLR Index 0.0000		Stability (Measured) Limit Positive Stab.: 116.8° Stability Index: 114.7
PROPELLER Installation Strut PRD 0.380 Type Folding 2 blades PBW 0.120 PIPA 0.0039		CENTERBOARD N/A		Owner	
SCORING OPTIONS					
	Time on Distance	Time on Time			
Coastal or Long Distance	614.6	0.9762			
Circular Random	626.3	0.9580			
Predominantly Upwind	618.8	0.9696			
Predominantly Downwind	556.1	1.0790			



Polar Plot for Boat	
Name	VICHINGO
Sail Number	17261
Class	ITALIA 998 F
Designer	POLLI
Builder	ITALIA YACHTS
Issued On	28/09/2020 - VPP 2020 1.02

2020

Double Handed Certificate Appendix

BOAT	
Name VICHINGO	Certificate Number US6442
Sail Nr 17261	Issued On 28/09/2020

TIME ALLOWANCES							
Wind Velocity	6 kt	8 kt	10 kt	12 kt	14 kt	16 kt	20 kt
Beat VMG	1077.8	894.8	805.4	773.7	764.7	763.7	764.2
52°	703.8	593.7	540.5	522.0	515.9	514.2	508.0
60°	659.1	564.8	520.2	502.8	497.1	494.9	489.6
75°	598.5	525.9	503.7	487.0	475.6	470.1	467.2
90°	573.5	506.3	482.9	470.2	460.7	451.5	435.4
110°	586.8	509.2	478.3	453.8	433.2	420.0	402.1
120°	613.4	515.8	479.3	453.2	435.5	414.2	383.6
135°	688.9	551.2	495.0	465.8	437.2	410.5	367.2
150°	811.4	649.2	547.3	498.9	477.0	457.2	415.3
Run VMG	937.0	749.6	632.0	575.3	548.6	507.6	461.4
Selected Courses							
Windward / Leeward	1007.4	822.2	718.7	674.5	656.7	635.6	612.8
Circular Random	846.3	689.5	608.1	563.1	537.0	520.4	498.9
Coastal / Long Distance	1000.3	769.6	646.6	583.7	552.1	521.6	469.5
Non Spinnaker	932.0	748.6	650.3	593.8	560.0	538.6	512.7

Velocity Prediction in Knots for True Wind Speeds							
Wind Velocity	6 kt	8 kt	10 kt	12 kt	14 kt	16 kt	20 kt
Beat Angles	43.1°	42.0°	41.3°	41.3°	41.3°	41.3°	42.4°
Beat VMG	3.34	4.02	4.47	4.65	4.71	4.71	4.71
52°	5.11	6.06	6.66	6.90	6.98	7.00	7.09
60°	5.46	6.37	6.92	7.16	7.24	7.27	7.35
75°	6.01	6.84	7.15	7.39	7.57	7.66	7.71
90°	6.28	7.11	7.45	7.66	7.81	7.97	8.27
110°	6.13	7.07	7.53	7.93	8.31	8.57	8.95
120°	5.87	6.98	7.51	7.94	8.27	8.69	9.39
135°	5.23	6.53	7.27	7.73	8.23	8.77	9.80
150°	4.44	5.55	6.58	7.22	7.55	7.87	8.67
Run VMG	3.84	4.80	5.70	6.26	6.56	7.09	7.80
Gybe Angles	144.5°	148.0°	148.0°	151.0°	174.0°	177.0°	177.0°