



2020
ORC Club
Certificate

Rating Office

Offshore
Racing
Congress



Certificate

Number **US6283**
 Issued On **31/08/2020**
 ORC Ref **03410000PDL**
 VPP Ver. **2020 1.02**
 Valid until **31/12/2020**

Crew Weight

Default 584kg
 Maximum **584kg**
 Minimum* **438kg**
 *when applied by the NoR and SI
 Non Manual Pwr **No**

Special Scoring

ToD ToT
 Non Spin GPH **634.9 0.9450**
 Non Spin OSN **619.3 0.9689**

Sails Limitations

Headsails **5** Spinnakers **4**

Asymmetric on centerline

Spinnaker configuration
 Symmetric: **No**
 Asymmetric: **Yes 84.06**
 Flying H/S: **No**
 Spin. Pole: **No**

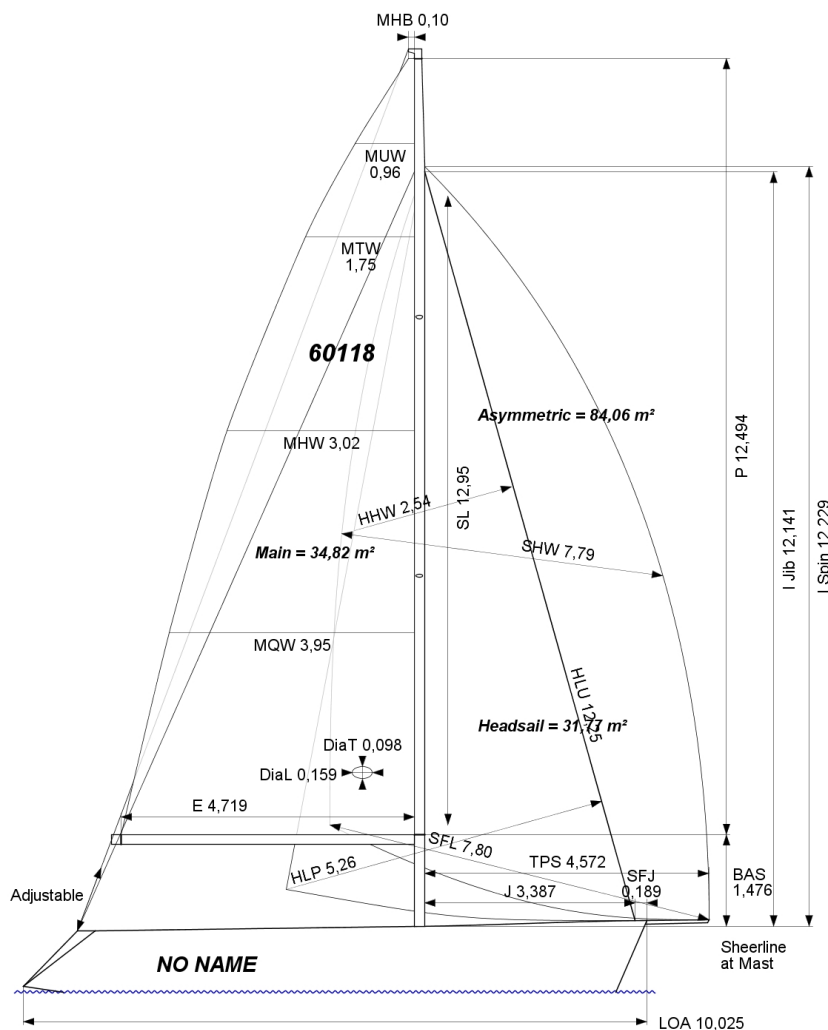
Class Division Length

CDL = 8.926

Stability (Measured)

Limit Positive Stab.: **114.8°**
 Stability Index: **110.4**

Owner



BOAT Name NO NAME Sail Nr 60118		GPH 606.4	HULL Data File US6283 LOA 10.025m Offset File US30257.OFF MB 3.133m Displacement 2,953kg Draft 2.253m			
CLASS Class TRIPP 33 Designer Bill Tripp Builder Carroll Series 01/1992 Age Date 01/1993 Age Allowance 0.487%		IMS Division Performance Dynamic All. 0.000% Plan Review Construction Cored Fiber Rigging No Aramid Core No Crew Arm Ex 0.00 Carbon Rudder No Light Stanchions				
COMMENTS		IMSL 8.964m VCGD -0.141m Sink 15.06kg/mm RL 8.906m VCGM 0.038m WS 19.82m² LSM0 8.915m Displacement/Length ratio 4.1677				
PROPELLER Installation Shaft exposed PRD 0.305 Type Folding 2 blades PBW 0.086 PIPA 0.0030		Water Ballast 0 Trim Tab No BLR Index 0.0000				
SCORING OPTIONS		CENTERBOARD N/A				
Time on Distance	COASTAL / LONG DISTANCE			WINDWARD / LEEWARD		
	592.1			667.1		
Time on Time	1.0134			1.0118		
	Low	Medium	High	Low	Medium	High
Triple Number	676.5 542.3 490.4			871.2 667.9 598.7		
	0.9978 1.2448 1.3765			0.7748 1.0106 1.1274		

2020

ORC Club Certificate Appendix

BOAT							
Name	NO NAME	Certificate Number			US6283		
Sail Nr	60118	Issued On			31/08/2020		

TIME ALLOWANCES							
Wind Velocity	6 kt	8 kt	10 kt	12 kt	14 kt	16 kt	20 kt
Beat VMG	955.4	790.3	728.9	707.6	697.5	699.2	690.9
52°	632.1	542.9	517.7	509.1	504.7	502.9	496.3
60°	600.5	528.3	504.7	495.1	489.7	486.5	478.1
75°	577.6	518.7	492.0	473.6	464.0	458.3	452.9
90°	584.5	519.1	490.0	464.2	443.8	431.3	420.9
110°	601.5	514.8	477.0	446.2	427.8	412.8	388.3
120°	622.3	523.7	484.1	447.4	415.3	391.8	360.0
135°	705.1	567.0	508.4	473.8	438.7	404.3	335.5
150°	839.9	666.2	563.9	514.0	487.1	460.5	395.5
Run VMG	969.8	769.3	651.2	592.5	552.6	513.0	456.7
Selected Courses							
Windward / Leeward	962.6	779.8	690.0	650.0	625.1	606.1	573.8
Circular Random	819.3	668.0	589.2	544.8	517.5	498.5	469.7
Coastal / Long Distance	963.3	735.7	626.2	566.0	530.4	500.6	448.0
Non Spinnaker	872.4	705.1	616.0	564.6	532.8	511.3	481.2

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	42.0°	40.5°	37.9°	37.5°	36.9°	37.3°	37.5°
Beat VMG	3.77	4.55	4.94	5.09	5.16	5.15	5.21
52°	5.70	6.63	6.95	7.07	7.13	7.16	7.25
60°	6.00	6.81	7.13	7.27	7.35	7.40	7.53
75°	6.23	6.94	7.32	7.60	7.76	7.86	7.95
90°	6.16	6.93	7.35	7.76	8.11	8.35	8.55
110°	5.98	6.99	7.55	8.07	8.42	8.72	9.27
120°	5.79	6.87	7.44	8.05	8.67	9.19	10.00
135°	5.11	6.35	7.08	7.60	8.21	8.90	10.73
150°	4.29	5.40	6.38	7.00	7.39	7.82	9.10
Run VMG	3.71	4.68	5.53	6.08	6.52	7.02	7.88
Gybe Angles	143.0°	147.0°	148.5°	151.0°	175.0°	177.0°	142.5°