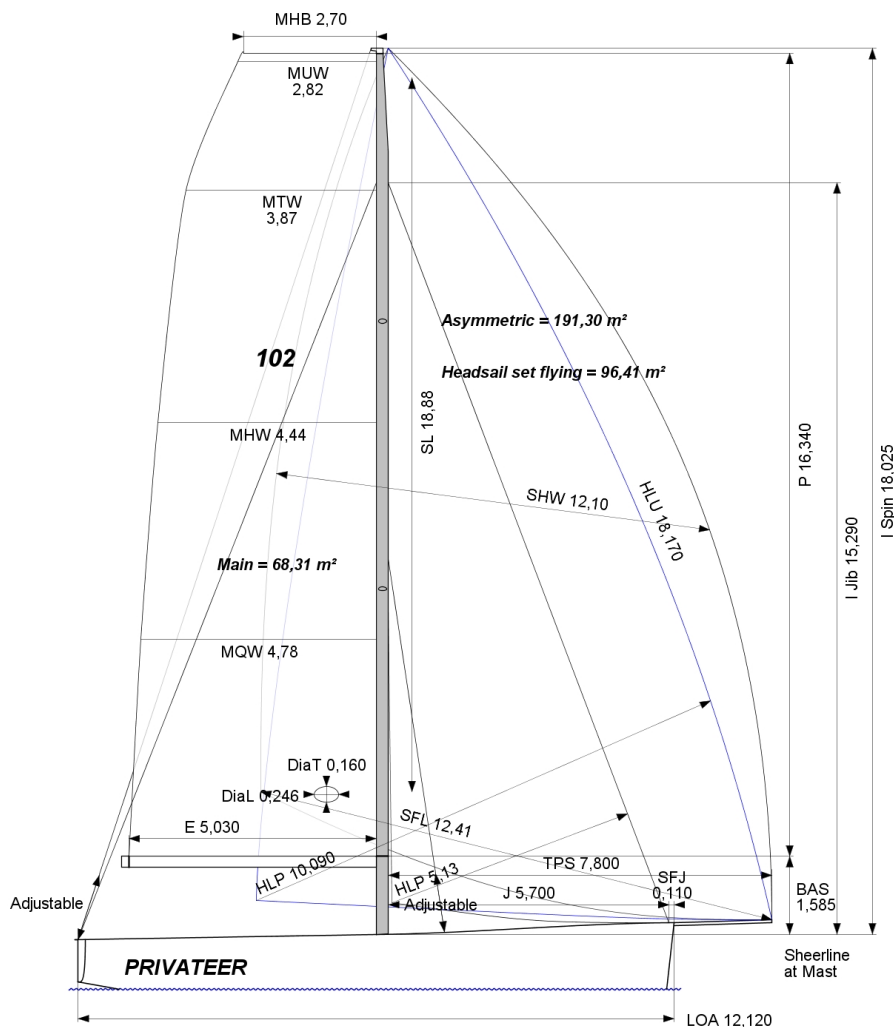




BOAT		GPH		HULL					
Name PRIVATEER		503.0		Data File US6734		LOA	12.120m		
Sail Nr 102				Offset File 685Oakcliff2.off		MB	4.492m		
				Displacement 4,996kg		Draft	3.007m		
CLASS				IMS Division Performance		Dynamic All.	0.000%		
				Plan Review		Construction	Cored		
		Class KIWI FC40		Fiber Rigging		Aramid Core			
		Designer FARR		Crew Arm Ex		Carbon Rudder			
		Builder COOKSON				Light Stanchions			
		Series 01/2010		IMSL 12.099m		VCGD	-0.145m	Sink	28.47kg/mm
		Age Date 01/2010		RL 12.354m		VCGM	-0.165m	WS	33.75m²
Age Allowance 0.325%				LSM0 12.257m		Displacement/Length ratio 2.7131			
COMMENTS				Water Ballast 0 Trim Tab					
				BLR Index 0.0000					
PROPELLER				CENTERBOARD					
Installation Strut		PRD	0.457						
Type Folding 3 blades		PBW	0.110						
		PIPA	0.0034						
		N/A							

SCORING OPTIONS						
	COASTAL / LONG DISTANCE			WINDWARD / LEEWARD		
Time on Distance	492.1			559.3		
Time on Time	1.2192			1.2069		
Triple Number	Low	Medium	High	Low	Medium	High
Time on Distance	571.7	449.5	388.9	747.7	566.2	484.3
Time on Time	1.1807	1.5016	1.7358	0.9028	1.1922	1.3938



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ORC Club Certificate

Rating Office

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Certificate
Number **US6734**
Issued On **11/01/2021**
ORC Ref **03410000TMO**
VPP Ver. **2020 1.02**
Valid until **31/01/2021**

Crew Weight
Default **920kg**
Maximum **920kg**
Minimum* **690kg**
*when applied by the NoR and SI
Non Manual Pwr

Special Scoring
ToD ToT
Non Spin GPH **554.1 1.0828**
Non Spin OSN **540.2 1.1107**

Sails Limitations
Headsails **7** Spinnakers **5**

Asymmetric on centerline
Spinnaker configuration
Symmetric: **No**
Asymmetric: **Yes 191.30**
Flying H/S: **Yes 96.40**
Spin. Pole: **No**

Class Division Length
CDL = 12.218

Stability (Measured)
Limit Positive Stab.: **110.7°**
Stability Index: **107.6**

Owner

2020

ORC Club Certificate Appendix

BOAT			
Name	PRIVATEER	Certificate Number	US6734
Sail Nr	102	Issued On	11/01/2021

TIME ALLOWANCES							
Wind Velocity	6 kt	8 kt	10 kt	12 kt	14 kt	16 kt	20 kt
Beat VMG	815.2	677.5	625.2	600.8	589.8	576.6	568.4
52°	524.5	455.9	436.2	425.7	417.1	415.4	401.5
60°	489.9	439.0	419.6	406.4	395.0	394.1	379.1
75°	466.0	421.4	392.4	375.9	364.0	355.1	346.6
90°	462.0	419.7	380.0	356.0	342.2	331.5	316.7
110°	496.3	440.6	396.6	366.4	336.2	309.9	283.3
120°	538.0	446.0	401.4	359.4	334.2	312.0	275.0
135°	607.6	475.4	427.2	387.3	342.1	303.9	254.0
150°	725.7	571.6	479.5	429.4	397.3	354.9	284.9
Run VMG	838.0	660.0	553.6	496.6	458.7	409.9	329.0
Selected Courses							
Windward / Leeward	826.6	668.8	589.4	548.7	524.3	493.2	448.7
Circular Random	688.5	558.9	489.1	447.1	418.7	397.4	365.6
Coastal / Long Distance	827.7	628.8	529.6	469.6	434.8	400.5	345.1
Non Spinnaker	783.0	624.3	536.9	483.8	448.9	424.1	389.0

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	44.3°	42.0°	39.0°	38.3°	37.1°	36.4°	36.4°
Beat VMG	4.42	5.31	5.76	5.99	6.10	6.24	6.33
52°	6.86	7.90	8.25	8.46	8.63	8.67	8.97
60°	7.35	8.20	8.58	8.86	9.11	9.13	9.50
75°	7.73	8.54	9.17	9.58	9.89	10.14	10.39
90°	7.79	8.58	9.47	10.11	10.52	10.86	11.37
110°	7.25	8.17	9.08	9.83	10.71	11.62	12.71
120°	6.69	8.07	8.97	10.02	10.77	11.54	13.09
135°	5.92	7.57	8.43	9.30	10.52	11.85	14.17
150°	4.96	6.30	7.51	8.38	9.06	10.14	12.64
Run VMG	4.30	5.45	6.50	7.25	7.85	8.78	10.94
Gybe Angles	142.0°	140.0°	147.5°	152.0°	148.8°	144.8°	140.0°