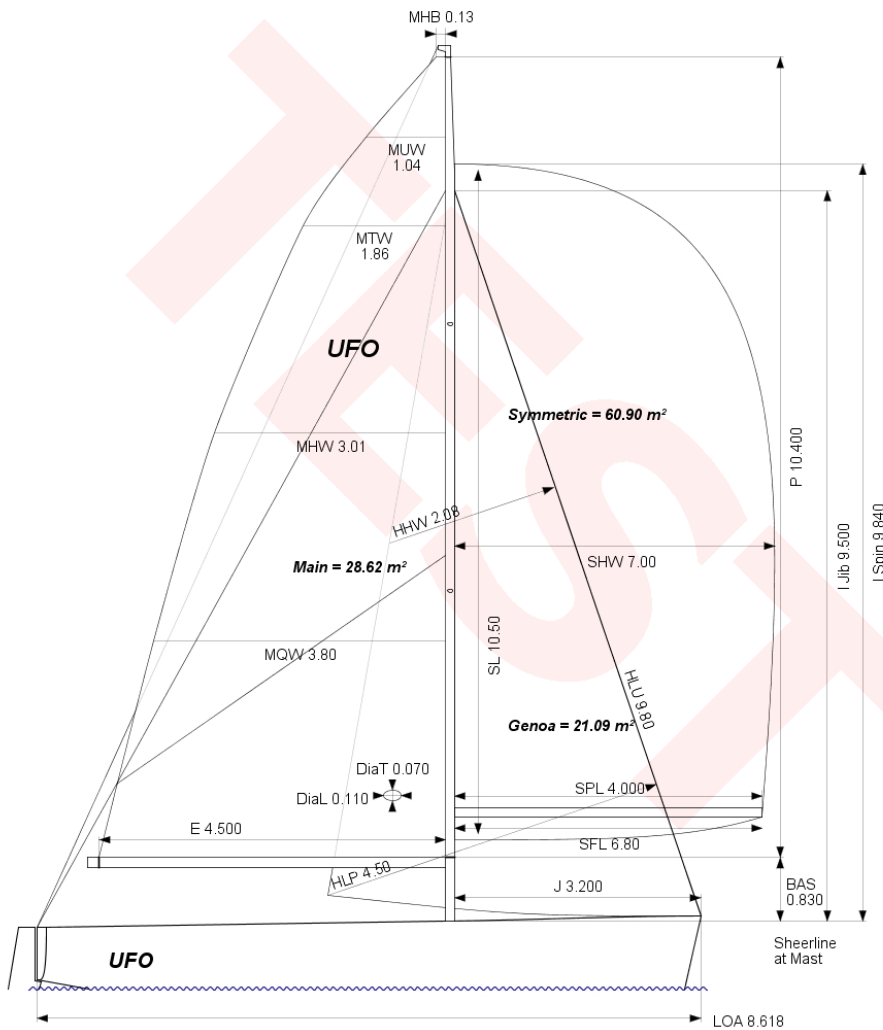




World Leader in Rating Technology

2019 (Test) ORC Club One Design Certificate



Rating Office

Certificate

Number **UFOOD**
 Issued On **15/01/2019**
 ORC Ref **N/A**
 VPP Ver. **2019 1.01**

Invalid for Racing

Crew Weight

Default 487kg
 Maximum **510kg**
 Minimum* **383kg**
*when applied by the NoR and SI
 Non Manual Pwr **No**

Special Scoring

	ToD	ToT
Non Spin GPH	604.4	0.9927
Non Spin OSN	589.2	1.0184

Sails Limitations

Headsails **5** Spinnakers **3**

Spinnaker configuration

Symmetric: **Yes** **60.90**
 Asymmetric: **No**
 Flying H/S: **No**
 Spin. Pole: **Yes**

Class Division Length

CDL = **8.790**

Stability (Estimated)

Limit Positive Stab.: **122.9°**
 Stability Index: **115.3**

Owner

I certify that I understand my responsibilities under ORC Rules and Regulations

Signature

BOAT	GPH	HULL
Name UFO Sail Nr UFO-	574.5	Data File ufo LOA 8.618m Offset File ufo.od MB 3.602m Displacement 1,173kg Draft 1.933m
CLASS Class UFO ONE DESIGN Designer FELCI Builder UFO BOAT SRL Series 01/1995 Age Date 01/1995 Age Allowance 0.487%	IMS Division Sportboat Dynamic All. 0.000% Fwd Accom. No Construction Cored Fiber Rigging No Aramid Core No Crew Arm Ex Carbon Rudder No Light Stanchions No	IMSLS 8.029m VCGD -0.380m Sink 9.47kg/mm RL 9.549m VCGM -0.320m WS 12.07m² LSMO 7.844m Displacement/Length ratio 2.4304
COMMENTS	Water Ballast 0 Trim Tab No BLR Index 0.0000	CENTERBOARD N/A
PROPELLER Type No Propeller		
SCORING OPTIONS		
	COASTAL / LONG DISTANCE	WINDWARD / LEEWARD
Time on Distance	559.1	637.4
Time on Time	1.0731	1.0590
Triple Number	Low Medium High	Low Medium High
Time on Distance	653.6 514.6 437.2	837.4 643.9 550.3
Time on Time	1.0328 1.3116 1.5438	0.8061 1.0483 1.2265



World Leader in Rating Technology

2019 (Test)

ORC Club Certificate Appendix

BOAT			
Name	UFO	Certificate Number	UFOOD
Sail Nr	UFO-	Issued On	15/01/2019

TIME ALLOWANCES							
Wind Velocity	6 kt	8 kt	10 kt	12 kt	14 kt	16 kt	20 kt
Beat VMG	917.4	761.8	704.6	683.3	673.0	670.0	664.9
52°	602.2	536.7	506.1	488.1	477.7	471.0	457.6
60°	573.8	522.4	485.5	463.6	451.6	444.0	427.7
75°	557.7	507.7	464.5	429.3	411.5	400.4	387.5
90°	560.8	510.4	462.1	416.2	381.3	362.3	342.8
110°	585.1	509.8	451.9	407.4	376.1	353.3	292.2
120°	601.6	519.5	460.0	402.8	360.1	334.7	283.4
135°	672.7	550.7	496.5	443.1	389.4	338.8	257.3
150°	801.9	644.4	551.9	497.6	449.9	402.2	295.8
Run VMG	926.0	744.1	635.6	569.8	518.6	464.4	341.5

Selected Courses							
Windward / Leeward	921.7	753.0	670.1	626.6	595.8	567.2	503.2
Circular Random	785.5	639.1	559.3	509.8	475.1	447.7	402.0
Coastal / Long Distance	922.1	712.2	605.8	536.7	490.3	450.9	376.6
Non Spinnaker	835.0	675.0	587.5	533.8	497.4	470.0	427.5

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	43.0°	39.4°	36.2°	35.0°	34.4°	34.4°	34.9°
Beat VMG	3.92	4.73	5.11	5.27	5.35	5.37	5.41
52°	5.98	6.71	7.11	7.38	7.54	7.64	7.87
60°	6.27	6.89	7.41	7.76	7.97	8.11	8.42
75°	6.45	7.09	7.75	8.39	8.75	8.99	9.29
90°	6.42	7.05	7.79	8.65	9.44	9.94	10.50
110°	6.15	7.06	7.97	8.84	9.57	10.19	12.32
120°	5.98	6.93	7.83	8.94	10.00	10.76	12.70
135°	5.35	6.54	7.25	8.12	9.25	10.63	13.99
150°	4.49	5.59	6.52	7.24	8.00	8.95	12.17
Run VMG	3.89	4.84	5.66	6.32	6.94	7.75	10.54
Gybe Angles	140.5°	145.7°	153.9°	159.7°	154.2°	147.6°	140.4°