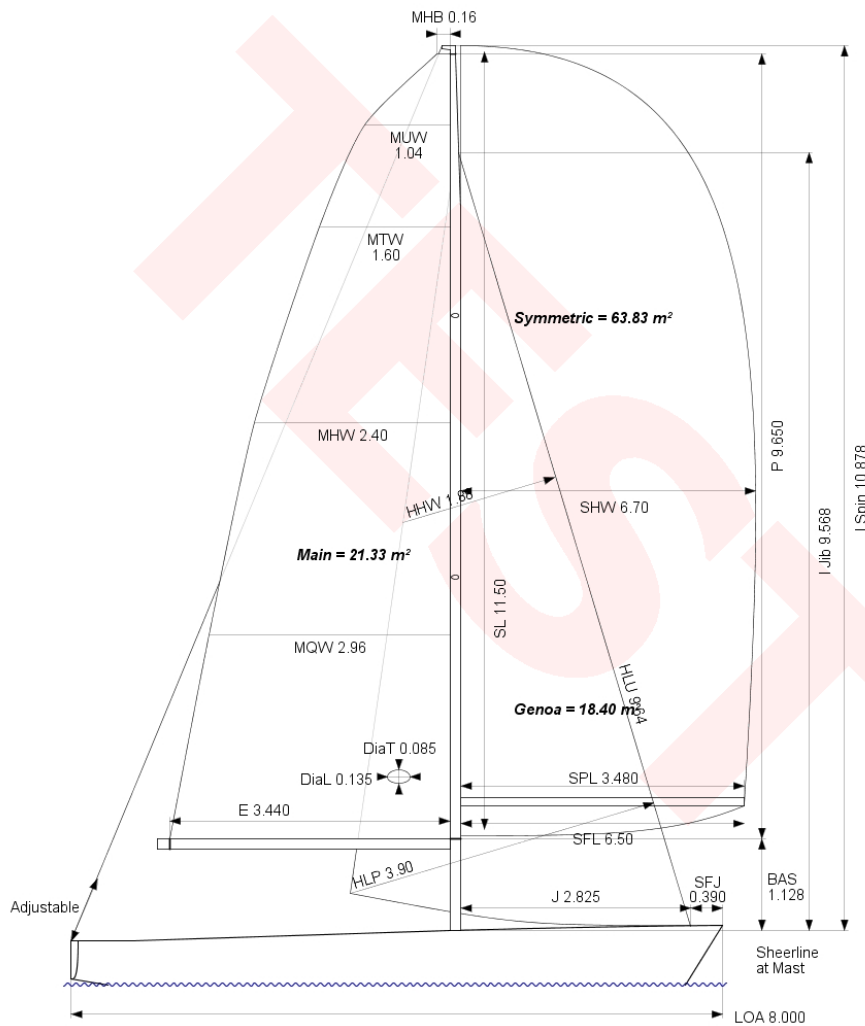




World Leader in Rating Technology

2019 (Test) ORC Club One Design Certificate



Rating Office

Certificate

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

Invalid for Racing

Crew Weight

Default 427kg
Maximum **350kg**
Minimum* **263kg**
**when applied by the NoR and SI*
Non Manual Pwr **No**

Special Scoring

	ToD	ToT
Non Spin GPH	660.8	0.9080
Non Spin OSN	642.0	0.9346

Sails Limitations

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

Spinnaker configuration

Symmetric: **Yes** 63.83
Asymmetric: **No**
Flying H/S: **No**
Spin. Pole: **Yes**

Class Division Length

CDL = **7.934**

Stability (Estimated)

Limit Positive Stab.: **124.5°**
Stability Index: **121.5**

Owner

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

Signature

BOAT	GPH	HULL
Name Sail Nr	619.7	Data File Blu26 LOA 8.000m Offset File Blu26.od MB 2.156m Displacement 1,258kg Draft 1.805m
CLASS		IMS Division Sportboat Dynamic All. 0.000% Fwd Accom. No Construction Light Fiber Rigging No Aramid Core No Crew Arm Ex 0.50 Carbon Rudder No Light Stanchions No
COMMENTS		IMSL 7.704m VCGD -0.342m Sink 9.04kg/mm RL 8.162m VCGM -0.342m WS 12.05m² LSMO 7.152m Displacement/Length ratio 3.4387
PROPELLER		Water Ballast 0 Trim Tab No BLR Index 0.0000
Type No Propeller		CENTERBOARD N/A
SCORING OPTIONS		
	COASTAL / LONG DISTANCE	WINDWARD / LEEWARD
Time on Distance	603.1	677.0
Time on Time	0.9949	0.9970
Triple Number	Low Medium High	Low Medium High
Time on Distance	696.4 555.1 486.9	890.7 681.4 592.8
Time on Time	0.9693 1.2161 1.3863	0.7578 0.9906 1.1386



2019 (Test)

ORC Club Certificate Appendix

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

TIME ALLOWANCES							
Wind Velocity	6 kt	8 kt	10 kt	12 kt	14 kt	16 kt	20 kt
Beat VMG	1011.7	828.6	760.9	739.1	729.9	726.3	723.4
52°	664.7	571.7	544.3	534.1	528.6	526.1	515.8
60°	628.2	557.8	529.1	515.2	507.3	502.4	488.5
75°	603.9	547.7	512.1	484.2	470.6	462.5	451.0
90°	613.2	548.9	512.7	474.1	443.3	425.8	410.0
110°	613.0	535.5	493.9	466.2	440.1	418.0	363.9
120°	626.8	540.5	487.7	446.0	420.2	398.2	351.6
135°	698.9	569.2	515.9	464.3	412.6	363.8	313.7
150°	828.0	663.9	568.6	515.3	469.3	423.6	327.6
Run VMG	956.1	766.6	653.8	585.6	537.0	489.1	378.2

Selected Courses							
Windward / Leeward	983.9	797.6	707.4	662.4	633.5	607.7	550.8
Circular Random	841.4	685.6	602.8	553.8	521.4	496.9	457.2
Coastal / Long Distance	981.1	753.6	643.1	578.5	537.7	501.7	435.0
Non Spinnaker	914.4	736.7	641.1	584.9	548.7	523.0	484.8

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	42.3°	40.6°	37.9°	36.8°	36.4°	36.3°	37.2°
Beat VMG	3.56	4.34	4.73	4.87	4.93	4.96	4.98
52°	5.42	6.30	6.61	6.74	6.81	6.84	6.98
60°	5.73	6.45	6.80	6.99	7.10	7.17	7.37
75°	5.96	6.57	7.03	7.44	7.65	7.78	7.98
90°	5.87	6.56	7.02	7.59	8.12	8.46	8.78
110°	5.87	6.72	7.29	7.72	8.18	8.61	9.89
120°	5.74	6.66	7.38	8.07	8.57	9.04	10.24
135°	5.15	6.32	6.98	7.75	8.72	9.90	11.48
150°	4.35	5.42	6.33	6.99	7.67	8.50	10.99
Run VMG	3.77	4.70	5.51	6.15	6.70	7.36	9.52
Gybe Angles	141.5°	146.4°	154.0°	162.0°	180.0°	149.1°	144.1°