



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 300kg
Maximum **270kg**
Minimum* **185kg**
**when applied by the NoR and SI*
Non Manual Pwr **No**

Special Scoring

	ToD	ToT
Non Spin GPH	758.2	0.7913
Non Spin OSN	729.1	0.8229

Sails Limitations

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

Asymmetric on centerline

Spinnaker configuration
Symmetric: **No**
Asymmetric: **Yes 32.64**
Flying H/S: **No**
Spin. Pole: **No**

Class Division Length

CDL = 5.928

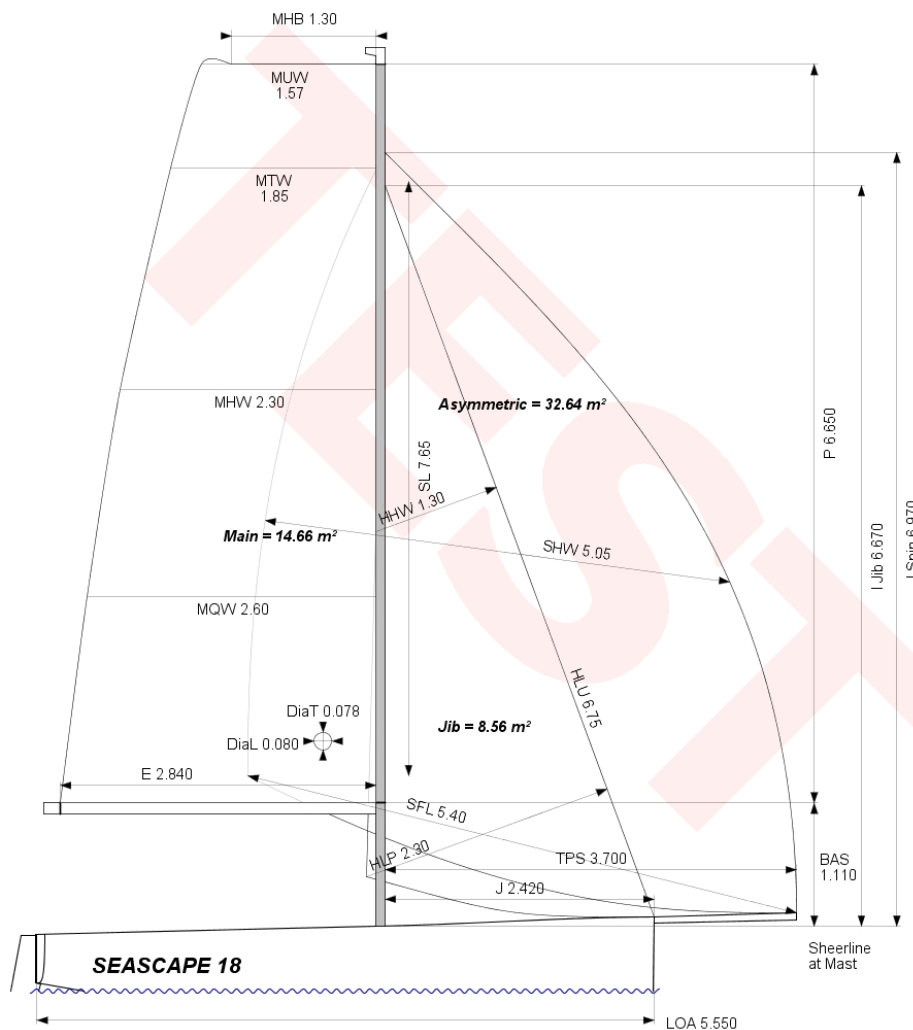
Stability (Estimated)

Limit Positive Stab.: **95.6°**
Stability Index: **86.0**

Owner

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

Signature



BOAT		GPH		HULL		
Name	SEASCAPE 18		715.2	Data File	seasc18 LOA 5.550m	
Sail Nr				Offset File	SEASC18.OD MB 2.382m	
CLASS				Displacement	500kg Draft 1.500m	
Class	Seascape 18			IMS Division	Cruiser/Racer Dynamic All. 0.000%	
Designer	Manuard YD			Fwd Accom.	No Construction Solid	
Builder	ISSA d.o.o.			Fiber Rigging	No Aramid Core No	
Series	01/2009			Crew Arm Ex	0.50 Carbon Rudder No	
Age Date	01/2010			Light Stanchions No		
Age Allowance	0.325%			IMSL	5.590m VCGD 0.029m Sink 6.33kg/mm	
COMMENTS				RL	6.264m VCGM 0.029m WS 7.45m²	
PROPELLER				LSMO	5.582m Displacement/Length ratio 2.8748	
Type	No Propeller			Water Ballast	0 Trim Tab No	
SCORING OPTIONS				BLR Index	0.0000	
				CENTERBOARD		
				N/A		
				COASTAL / LONG DISTANCE		
Time on Distance		692.1			WINDWARD / LEEWARD	
Time on Time		0.8670			786.3	
Triple Number		Low	Medium	High	Low	Medium
Time on Distance		815.4	640.3	540.2	1036.4	793.8
Time on Time		0.8278	1.0542	1.2495	0.6513	0.8503
					0.9994	



2019 (Test)

ORC Club Certificate Appendix

BOAT	
Name	SEASCAPE 18
Certificate Number	
Sail Nr	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	1193.2	990.2	889.2	843.7	833.1	825.5	813.6
52°	795.0	684.2	639.8	607.9	595.1	586.9	568.2
60°	757.7	666.8	623.3	583.0	564.5	555.1	535.2
75°	731.4	654.7	606.2	560.4	519.7	503.0	486.5
90°	716.9	628.8	568.5	537.7	502.7	464.9	428.9
110°	709.7	622.8	556.7	489.6	450.8	423.8	373.2
120°	733.5	635.0	570.1	502.2	442.9	392.0	329.8
135°	809.7	672.8	606.9	547.3	485.2	432.7	285.7
150°	946.0	753.2	665.9	615.4	568.2	505.4	344.4
Run VMG	1092.3	869.7	768.1	692.6	639.5	583.6	397.6

Selected Courses							
Windward / Leeward	1142.8	930.0	828.7	768.1	736.3	704.6	605.6
Circular Random	981.2	796.8	696.2	633.7	589.2	552.8	489.2
Coastal / Long Distance	1137.7	878.2	751.0	665.9	612.6	558.4	457.6
Non Spinnaker	1053.3	848.3	736.2	668.1	622.0	587.3	532.6

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	41.7°	40.1°	37.8°	35.9°	35.6°	35.4°	35.4°
Beat VMG	3.02	3.64	4.05	4.27	4.32	4.36	4.42
52°	4.53	5.26	5.63	5.92	6.05	6.13	6.34
60°	4.75	5.40	5.78	6.18	6.38	6.49	6.73
75°	4.92	5.50	5.94	6.42	6.93	7.16	7.40
90°	5.02	5.73	6.33	6.70	7.16	7.74	8.39
110°	5.07	5.78	6.47	7.35	7.99	8.49	9.65
120°	4.91	5.67	6.31	7.17	8.13	9.18	10.92
135°	4.45	5.35	5.93	6.58	7.42	8.32	12.60
150°	3.81	4.78	5.41	5.85	6.34	7.12	10.45
Run VMG	3.30	4.14	4.69	5.20	5.63	6.17	9.05
Gybe Angles	146.9°	148.4°	150.7°	176.8°	178.0°	143.5°	138.1°