



ORC
Offshore Racing Congress
World leader in rating technology

**2020
ORC Club
Certificate**

Rating Office

**Offshore
Racing
Congress**



Certificate

Number **047/20**
Issued On **02/07/2020**
ORC Ref **03850000LSO**
VPP Ver. **2020 1.02**
Valid until **31/12/2020**

Crew Weight

Default 697kg
Maximum **650kg**
Minimum* **488kg**
**when applied by the NoR and SI*
Non Manual Pwr **No**

Special Scoring

	ToD	ToT
Non Spin GPH	616.4	0.9734
Non Spin OSN	601.1	0.9981

Sails Limitations

Headsails **6** Spinnakers **4**

Asymmetric on centerline

Spinnaker configuration
Symmetric: **No**
Asymmetric: **Yes 138.43**
Flying H/S: **No**
Spin. Pole: **No**

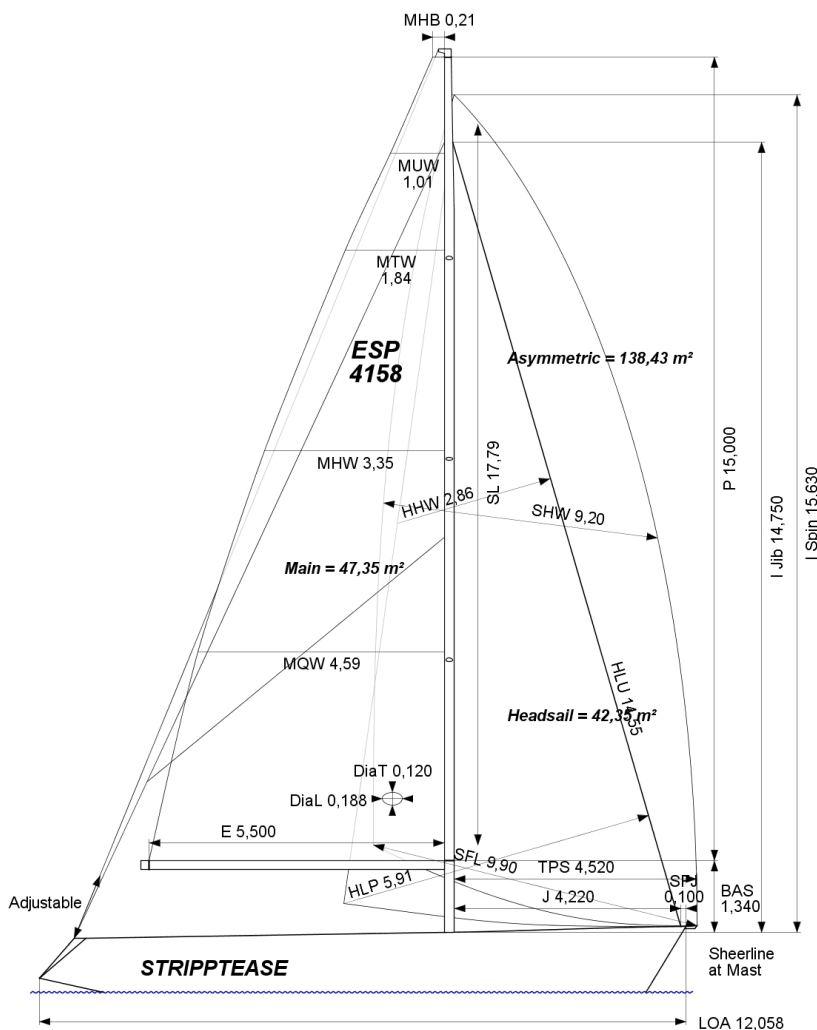
Class Division Length

CDL = 10.037

Stability (Estimated)

Limit Positive Stab.: **120.6°**
Stability Index: **121.6**

Owner



BOAT		GPH		HULL		
Name	STRIPPTease		582.5	Data File	ESP4158 LOA 12.058m	
Sail Nr	ESP-4158			Offset File	TRIPP40.OFF MB 3.651m	
				Displacement	5,892kg Draft 2.312m	
CLASS						
Class	TRIPP 40	IMS Division	Cruiser/Racer	Dynamic All.	0.000%	
Designer	TRIPP	Plan Review		Construction	Cored	
Builder	CARROLL MARINE	Fiber Rigging	No	Aramid Core	No	
Series	01/1992	Crew Arm Ex		Carbon Rudder	No	
Age Date	01/1992			Light Stanchions	No	
Age Allowance	0.487%	IMSL	10.268m VCGD	0.000m Sink	19.75kg/mm	
		RL	9.813m VCGM	-0.085m WS	26.69m²	
		LSM0	10.085m Displacement/Length ratio		5.7443	
COMMENTS		Water Ballast	0 Trim Tab	No		
		BLR Index	0.0000			
PROPELLER		CENTERBOARD				
Installation	Shaft exposed PRD 0.353	N/A				
Type	Folding 2 blades PBW 0.100 PIPA 0.0035					
SCORING OPTIONS						
	COASTAL / LONG DISTANCE			WINDWARD / LEEWARD		
Time on Distance	567.9			636.4		
Time on Time	1.0564			1.0606		
Triple Number	Low	Medium	High	Low	Medium	High
Time on Distance	655.7	519.0	469.6	845.9	637.9	567.0
Time on Time	1.0294	1.3006	1.4374	0.7980	1.0582	1.1904

2020

ORC Club Certificate Appendix

BOAT	
Name	STRIPPTEASE
Certificate Number	047/20
Sail Nr	ESP-4158
Issued On	02/07/2020

TIME ALLOWANCES							
Wind Velocity	6 kt	8 kt	10 kt	12 kt	14 kt	16 kt	20 kt
Beat VMG	946.5	785.4	704.9	674.1	659.5	651.5	641.3
52°	625.9	529.5	493.3	480.0	473.7	470.3	466.6
60°	593.6	511.5	482.0	468.1	460.9	456.5	452.9
75°	569.3	500.1	473.1	456.0	442.8	434.4	426.5
90°	575.2	498.6	472.1	452.7	435.0	420.3	401.5
110°	577.7	490.2	457.7	435.8	422.0	410.4	389.1
120°	591.3	496.4	460.9	433.4	409.4	393.9	370.0
135°	670.3	534.9	479.2	450.7	423.2	397.4	345.7
150°	794.1	636.1	534.6	483.6	462.8	441.5	396.9
Run VMG	917.0	734.5	617.3	557.8	531.3	491.7	445.7
Selected Courses							
Windward / Leeward	931.7	760.0	661.1	615.9	595.4	571.6	543.5
Circular Random	791.3	643.2	565.6	521.7	495.2	477.3	452.5
Coastal / Long Distance	930.2	715.1	599.6	538.9	507.4	478.8	434.4
Non Spinnaker	852.9	687.1	597.8	545.6	513.2	491.6	463.8

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	42.0°	40.9°	39.4°	38.3°	37.5°	37.3°	37.1°
Beat VMG	3.80	4.58	5.11	5.34	5.46	5.53	5.61
52°	5.75	6.80	7.30	7.50	7.60	7.66	7.71
60°	6.06	7.04	7.47	7.69	7.81	7.89	7.95
75°	6.32	7.20	7.61	7.89	8.13	8.29	8.44
90°	6.26	7.22	7.63	7.95	8.28	8.57	8.97
110°	6.23	7.34	7.87	8.26	8.53	8.77	9.25
120°	6.09	7.25	7.81	8.31	8.79	9.14	9.73
135°	5.37	6.73	7.51	7.99	8.51	9.06	10.41
150°	4.53	5.66	6.73	7.44	7.78	8.15	9.07
Run VMG	3.93	4.90	5.83	6.45	6.78	7.32	8.08
Gybe Angles	144.0°	147.0°	148.0°	151.0°	152.5°	177.0°	177.5°