



ORC

Offshore Racing Congress
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**2020
ORC Club
Certificate**

Rating Office

**Offshore
Racing
Congress**



Certificate

Number **a47/20**
Issued On **10/09/2020**
ORC Ref **03850000Q58**
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	634.7	0.9453
Non Spin OSN	615.7	0.9746

Sails Limitations

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

Asymmetric on centerline

Spinnaker configuration
Symmetric: **Yes** 113.52
Asymmetric: **Yes** 123.34
Flying H/S: **No**
Spin. Pole: **Yes**

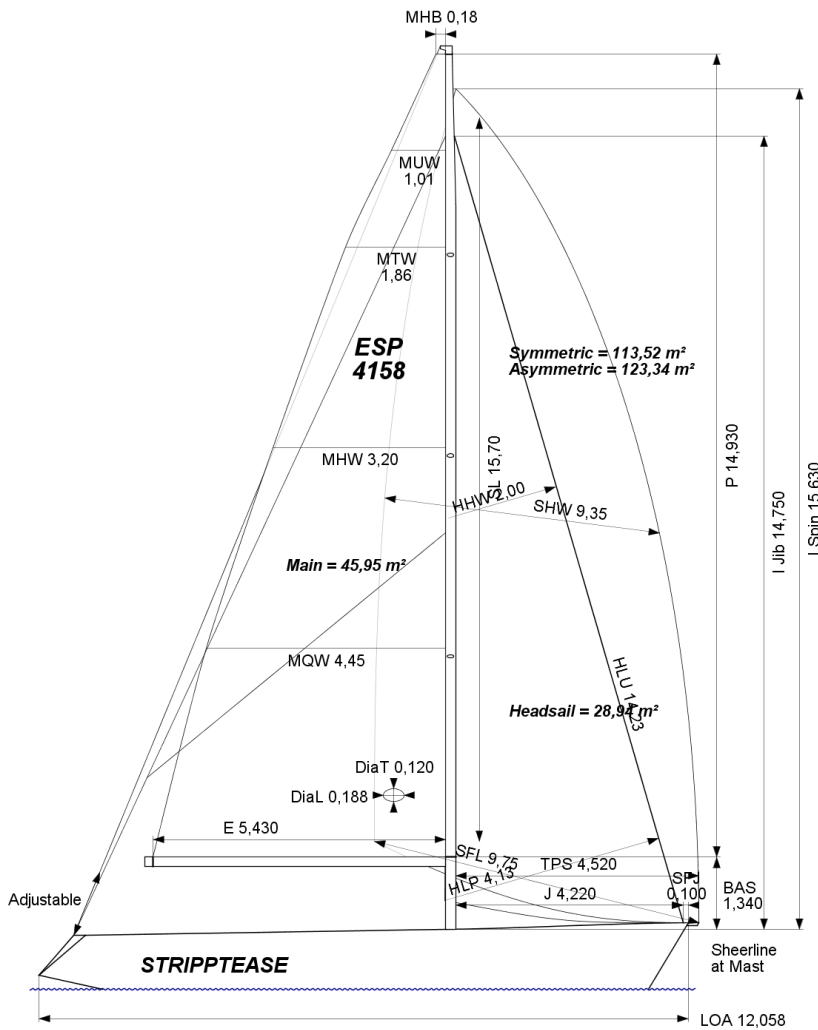
Class Division Length

CDL = 9.874

Stability (Estimated)

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

Owner



BOAT Name STRIPPTease Sail Nr ESP-4158	GPH 593.7	HULL Data File ESP4158 LOA 12.058m Offset File TRIPP40.OFF MB 3.651m Displacement 5,892kg Draft 2.312m IMS Division Cruiser/Racer Dynamic All. 0.174% Plan Review Construction Cored Fiber Rigging No Aramid Core No Crew Arm Ex Carbon Rudder No Light Stanchions No IMSL 10.268m VCGD 0.000m Sink 19.75kg/mm RL 9.493m VCGM -0.085m WS 26.69m² LSM0 10.085m Displacement/Length ratio 5.7443 Water Ballast 0 Trim Tab No BLR Index 0.0000
CLASS Class TRIPP 40 Designer TRIPP Builder CARROLL MARINE Series 01/1992 Age Date 01/1992 Age Allowance 0.487%		CENTERBOARD N/A
COMMENTS		
PROPELLER Installation Shaft exposed PRD 0.353 Type Folding 2 blades PBW 0.100 PIPA 0.0035		
SCORING OPTIONS		
	COASTAL / LONG DISTANCE	WINDWARD / LEEWARD
Time on Distance	577.1	643.4
Time on Time	1.0397	1.0492
Triple Number	Low Medium High	Low Medium High
Time on Distance	678.2 526.6 469.0	876.7 645.9 560.4
Time on Time	0.9953 1.2817 1.4393	0.7699 1.0450 1.2044

2020

ORC Club Certificate Appendix

BOAT	
Name	STRIPPTEASE
Certificate Number	a47/20
Sail Nr	ESP-4158
Issued On	10/09/2020

TIME ALLOWANCES							
Wind Velocity	6 kt	8 kt	10 kt	12 kt	14 kt	16 kt	20 kt
Beat VMG	1008.0	832.4	732.7	685.4	667.8	659.6	643.6
52°	664.0	558.1	506.3	485.8	476.9	472.5	467.2
60°	629.0	533.8	492.9	474.5	463.8	458.3	455.1
75°	602.9	517.3	483.2	463.9	449.1	437.4	426.3
90°	593.8	501.5	472.9	461.4	444.6	427.9	403.9
110°	586.3	494.6	460.6	436.7	421.7	409.8	390.0
120°	602.2	502.5	465.2	438.0	413.1	394.3	370.6
135°	676.1	545.2	485.2	456.3	429.8	404.2	354.5
150°	801.5	641.6	542.2	488.6	460.7	436.2	389.5
Run VMG	925.5	740.8	626.1	555.9	508.5	474.4	427.3
Selected Courses							
Windward / Leeward	966.8	786.6	679.4	620.6	588.1	567.0	535.4
Circular Random	815.4	659.3	576.1	528.0	498.1	477.9	450.1
Coastal / Long Distance	962.7	738.2	614.1	545.3	508.6	479.5	433.3
Non Spinnaker	891.6	712.5	614.7	556.9	520.9	497.1	466.5

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	42.0°	40.5°	39.8°	38.3°	37.9°	37.9°	37.1°
Beat VMG	3.57	4.33	4.91	5.25	5.39	5.46	5.59
52°	5.42	6.45	7.11	7.41	7.55	7.62	7.71
60°	5.72	6.74	7.30	7.59	7.76	7.85	7.91
75°	5.97	6.96	7.45	7.76	8.02	8.23	8.45
90°	6.06	7.18	7.61	7.80	8.10	8.41	8.91
110°	6.14	7.28	7.82	8.24	8.54	8.78	9.23
120°	5.98	7.16	7.74	8.22	8.72	9.13	9.71
135°	5.32	6.60	7.42	7.89	8.38	8.91	10.15
150°	4.49	5.61	6.64	7.37	7.81	8.25	9.24
Run VMG	3.89	4.86	5.75	6.48	7.08	7.59	8.43
Gybe Angles	143.5°	147.0°	148.0°	157.0°	174.0°	180.0°	180.0°