



ORC
Offshore Racing Congress
World leader in rating technology

**2020
ORC Club
Certificate**

Rating Office

**Offshore
Racing
Congress**



Certificate

Number **a47/20**
Issued On **02/09/2020**
ORC Ref **03850000PK8**
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 | 620.2 | 0.9674 |
| Non Spin OSN | 603.1 | 0.9949 |

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**

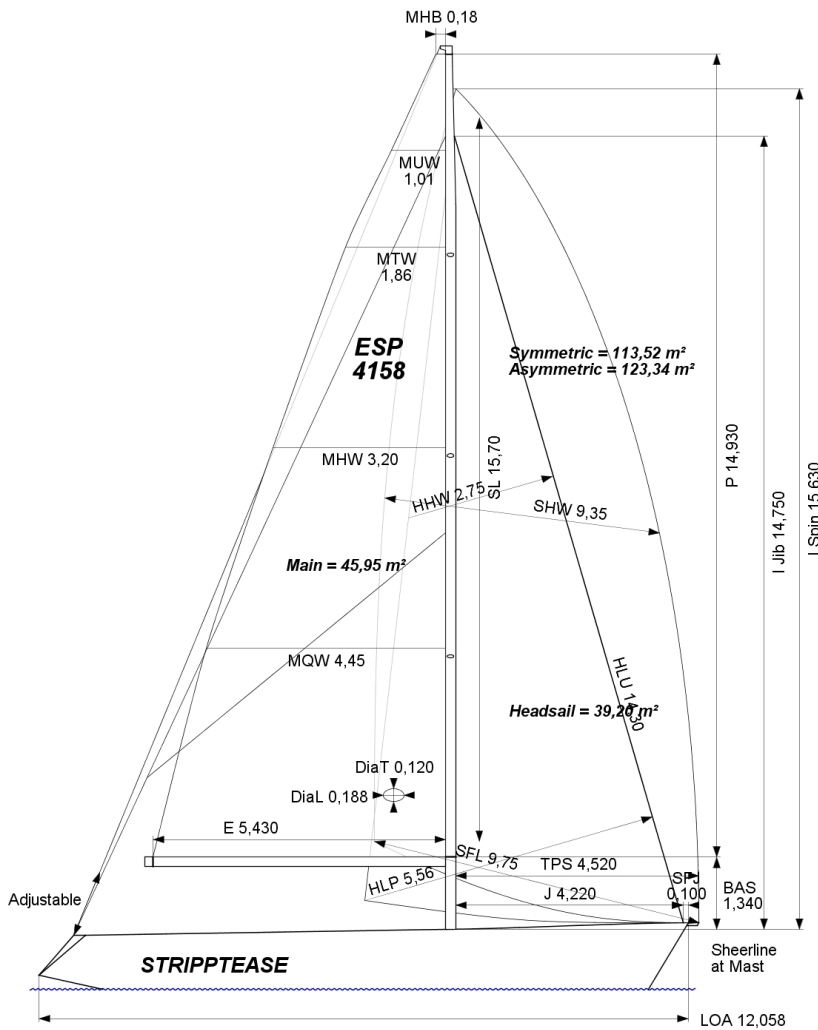
Class Division Length

CDL = 10.011

Stability (Estimated)

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

Owner



| BOAT | GPH | HULL |
|--|--------------------------------|---|
| Name STRIPPTSEASE Sail Nr ESP-4158 | 586.1 | Data File ESP4158 LOA 12.058m Offset File TRIPP40.OFF MB 3.651m Displacement 5,892kg Draft 2.312m |
| CLASS Class TRIPP 40 Designer TRIPP Builder CARROLL MARINE Series 01/1992 Age Date 01/1992 Age Allowance 0.487% | | IMS Division Cruiser/Racer Dynamic All. 0.000% Plan Review Construction Cored Fiber Rigging No Aramid Core No Crew Arm Ex Carbon Rudder No Light Stanchions No |
| COMMENTS | | IMSL 10.268m VCGD 0.000m Sink 19.75kg/mm RL 9.763m VCGM -0.085m WS 26.69m² LSM0 10.085m Displacement/Length ratio 5.7443 |
| PROPELLER Installation Shaft exposed PRD 0.353 Type Folding 2 blades PBW 0.100 PIPA 0.0035 | | Water Ballast 0 Trim Tab No BLR Index 0.0000 |
| | | CENTERBOARD N/A |
| SCORING OPTIONS | | |
| | COASTAL / LONG DISTANCE | WINDWARD / LEEWARD |
| Time on Distance | 570.6 | 635.8 |
| Time on Time | 1.0516 | 1.0617 |
| Triple Number | Low Medium High | Low Medium High |
| Time on Distance | 664.3 521.3 467.1 | 856.4 638.1 558.0 |
| Time on Time | 1.0161 1.2948 1.4450 | 0.7882 1.0578 1.2097 |

2020

ORC Club Certificate Appendix

| BOAT | |
|--------------------|--------------------|
| Name | STRIPPTEASE |
| Sail Nr | ESP-4158 |
| Certificate Number | a47/20 |
| Issued On | 02/09/2020 |

| TIME ALLOWANCES | | | | | | | |
|-------------------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|
| Wind Velocity | 6 kt | 8 kt | 10 kt | 12 kt | 14 kt | 16 kt | 20 kt |
| Beat VMG | 961.8 | 797.0 | 709.9 | 675.8 | 660.4 | 652.8 | 642.6 |
| 52° | 635.8 | 536.3 | 496.1 | 480.6 | 474.1 | 470.5 | 467.4 |
| 60° | 603.3 | 517.1 | 484.6 | 469.4 | 461.3 | 456.6 | 452.9 |
| 75° | 579.0 | 504.7 | 475.9 | 458.2 | 444.4 | 434.6 | 426.2 |
| 90° | 585.9 | 501.4 | 472.4 | 455.7 | 437.9 | 422.5 | 401.8 |
| 110° | 586.7 | 494.7 | 460.7 | 436.6 | 421.2 | 409.9 | 388.9 |
| 120° | 602.6 | 502.7 | 465.3 | 438.1 | 413.1 | 393.7 | 369.9 |
| 135° | 676.4 | 545.4 | 485.3 | 456.4 | 429.9 | 404.4 | 354.7 |
| 150° | 801.7 | 641.7 | 542.2 | 488.6 | 460.7 | 436.3 | 389.6 |
| Run VMG | 925.8 | 740.9 | 626.1 | 555.8 | 508.3 | 474.3 | 427.1 |
| Selected Courses | | | | | | | |
| Windward / Leeward | 943.8 | 769.0 | 668.0 | 615.8 | 584.4 | 563.5 | 534.9 |
| Circular Random | 800.5 | 649.1 | 569.0 | 523.1 | 494.7 | 475.6 | 449.8 |
| Coastal / Long Distance | 942.0 | 723.3 | 605.3 | 541.1 | 505.5 | 476.9 | 432.0 |
| Non Spinnaker | 861.9 | 692.6 | 601.2 | 547.7 | 514.5 | 492.3 | 463.1 |

| 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° | 40.7° | 39.8° | 38.3° | 37.9° | 37.5° | 36.9° |
| Beat VMG | 3.74 | 4.52 | 5.07 | 5.33 | 5.45 | 5.51 | 5.60 |
| 52° | 5.66 | 6.71 | 7.26 | 7.49 | 7.59 | 7.65 | 7.70 |
| 60° | 5.97 | 6.96 | 7.43 | 7.67 | 7.80 | 7.88 | 7.95 |
| 75° | 6.22 | 7.13 | 7.56 | 7.86 | 8.10 | 8.28 | 8.45 |
| 90° | 6.14 | 7.18 | 7.62 | 7.90 | 8.22 | 8.52 | 8.96 |
| 110° | 6.14 | 7.28 | 7.81 | 8.25 | 8.55 | 8.78 | 9.26 |
| 120° | 5.97 | 7.16 | 7.74 | 8.22 | 8.71 | 9.14 | 9.73 |
| 135° | 5.32 | 6.60 | 7.42 | 7.89 | 8.37 | 8.90 | 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 | 144.0° | 147.0° | 148.0° | 157.0° | 174.0° | 180.0° | 180.0° |