



World Leader in Rating Technology

2016 ORC Club Certificate

Rating Office

ORC
Central Rating Office
issuing certificates for
CANADA



Certificate

Number **053/16**
Issued On **10.5.2016**.
ORC Ref **CAN00062894**
VPP Ver. **2016 1.01**
Valid until **31.12.2016**.

Crew Weight

Declared **3,000lbs**
Default* **4,243lbs**
Non Manual Pwr **No**

Special Scoring

| | ToD | ToT |
|----------------|-------|--------|
| Non Spin GPH | 536.8 | 1.1177 |
| Non Spin OSN | 524.8 | 1.1432 |
| N/S Perf. Line | -29.6 | 0.655 |

Sails Limitations

Headsails **7** Spinnakers **4**

Spinnaker configuration

Symmetric: **Yes 4218.67**
Asymmetric: **No**
Flying H/S: **No**
Spin. Pole: **Yes**

Class Division Length

CDL = **15.748**

Stability

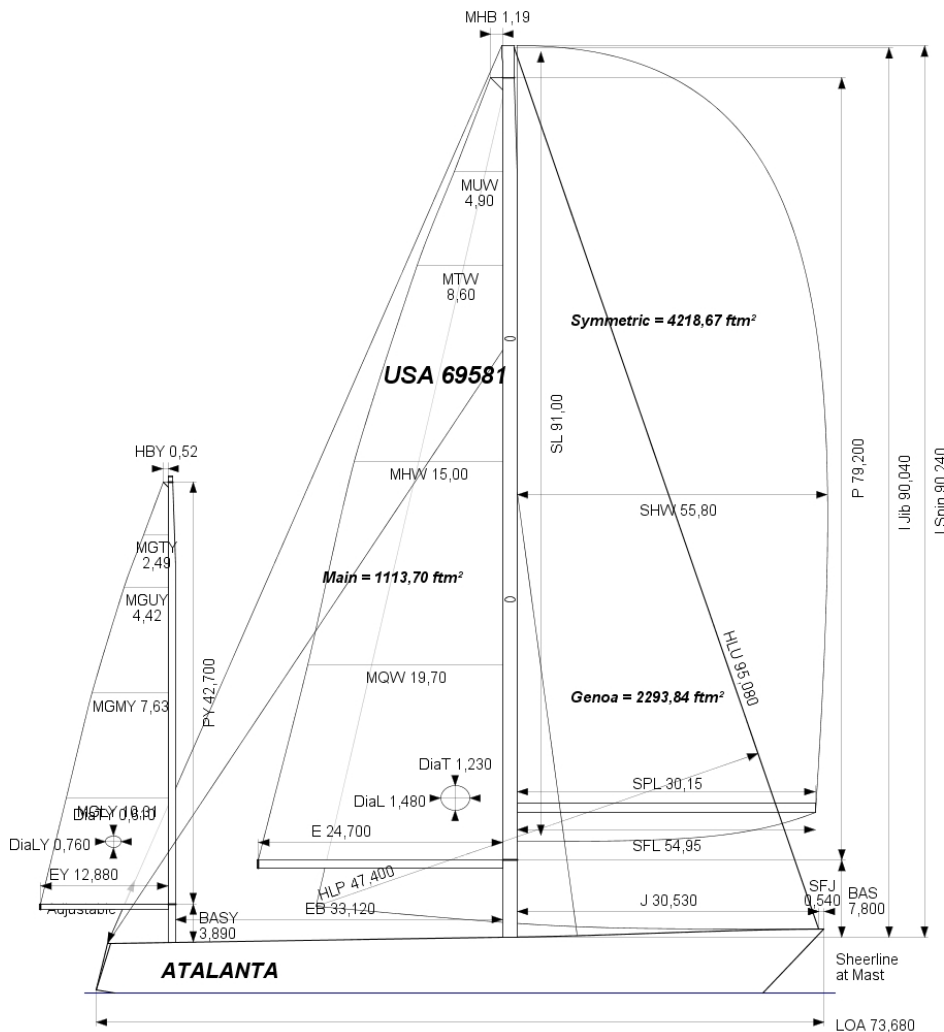
LPS (Measured): **140.1°**
Stability Index: **155.1**
OSR Category: **0**

Owner

Atalanta Experience Group
PO Box 9006
Seattle, WA 98109
USA

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

Signature



| BOAT | GPH | HULL |
|--|---|---|
| Name Atalanta Sail Nr USA 69581 | 518.5 | Data File USA69581.dxt LOA 73.680ft Offset File US6925.OFF MB 16.500ft Displacement 118,276lbs Draft 10.909ft |
| CLASS Class One off Designer Tripp Builder A&R Series 11.1970 Age Date 11.1970 Age Allowance 0.487% | | IMS Division Cruiser/Racer Dynamic All. 0.499% Fwd Accom. Yes Construction Solid Fiber Rigging No Aramid Core No Crew Arm Ex 0.00 Carbon Rudder No Light Stanchions No |
| COMMENTS | | IMSL 65.359ft VCGD -1.536ft Sink 3824.38lbs/in RL 11.572ft VCGM -1.449ft WS 1150.98ft2 LSM0 67.472ft Displacement/Length ratio 0.3851 |
| PROPELLER Installation Shaft exposed PRD 2.600 Type Feathering 2 blades PBW 0.710 PIPA 0.0232 | | Water Ballast 0 Trim Tab No |
| SCORING OPTIONS | | CENTERBOARD N/A |
| | OFFSHORE COASTAL / LONG DISTANCE | INSHORE WINDWARD / LEEWARD |
| Time On Distance | 504.8 | 576.2 |
| Time On Time | 1.1886 | 1.1715 |
| Performance Line | PLT 0.714 PLD -12.3 | PLT 0.836 PLD 109.8 |
| Triple Number | Low 1.0900 Medium 1.4882 High 1.7308 | Low 0.8192 Medium 1.1549 High 1.4101 |



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ORC Club Certificate Appendix

BOAT

Name **Atalanta** Certificate Number **053/16**
 Sail Nr **USA 69581** Issued On **10.5.2016.**

TIME ALLOWANCES

| Wind Velocity | 6 kt | 8 kt | 10 kt | 12 kt | 14 kt | 16 kt | 20 kt |
|---------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|
| Beat VMG | 959.2 | 776.6 | 680.0 | 620.7 | 582.8 | 556.9 | 530.3 |
| 52° | 598.7 | 491.5 | 432.8 | 397.6 | 379.2 | 369.7 | 360.3 |
| 60° | 544.8 | 454.2 | 400.0 | 373.5 | 361.9 | 355.6 | 349.1 |
| 75° | 501.9 | 422.1 | 376.6 | 357.6 | 347.8 | 341.7 | 335.2 |
| 90° | 497.4 | 419.0 | 373.8 | 354.3 | 343.8 | 336.1 | 324.7 |
| 110° | 531.7 | 445.5 | 384.9 | 357.6 | 347.4 | 341.5 | 330.0 |
| 120° | 564.2 | 456.6 | 392.5 | 361.0 | 345.8 | 335.7 | 324.7 |
| 135° | 634.5 | 499.2 | 427.0 | 380.0 | 356.9 | 343.7 | 322.0 |
| 150° | 758.0 | 593.2 | 493.5 | 431.6 | 388.2 | 362.8 | 338.2 |
| Run VMG | 875.3 | 685.0 | 569.8 | 498.3 | 447.1 | 412.8 | 366.5 |

Selected Courses

| | | | | | | | |
|--------------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|
| Windward / Leeward | 917.2 | 730.8 | 624.9 | 559.5 | 515.0 | 484.8 | 448.4 |
| Circular Random | 735.6 | 585.1 | 501.8 | 451.8 | 420.3 | 399.6 | 374.7 |
| Ocean for PCS | 920.3 | 697.6 | 569.7 | 490.3 | 438.5 | 403.3 | 358.4 |
| Non Spinnaker | 765.7 | 607.6 | 519.6 | 466.0 | 431.5 | 408.2 | 379.3 |

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 | 48.1° | 46.5° | 45.5° | 44.8° | 44.2° | 43.2° | 41.9° |
| Beat VMG | 3.75 | 4.64 | 5.29 | 5.80 | 6.18 | 6.46 | 6.79 |
| 52° | 6.01 | 7.32 | 8.32 | 9.06 | 9.49 | 9.74 | 9.99 |
| 60° | 6.61 | 7.93 | 9.00 | 9.64 | 9.95 | 10.12 | 10.31 |
| 75° | 7.17 | 8.53 | 9.56 | 10.07 | 10.35 | 10.53 | 10.74 |
| 90° | 7.24 | 8.59 | 9.63 | 10.16 | 10.47 | 10.71 | 11.09 |
| 110° | 6.77 | 8.08 | 9.35 | 10.07 | 10.36 | 10.54 | 10.91 |
| 120° | 6.38 | 7.88 | 9.17 | 9.97 | 10.41 | 10.72 | 11.09 |
| 135° | 5.67 | 7.21 | 8.43 | 9.47 | 10.09 | 10.48 | 11.18 |
| 150° | 4.75 | 6.07 | 7.30 | 8.34 | 9.27 | 9.92 | 10.64 |
| Run VMG | 4.11 | 5.26 | 6.32 | 7.22 | 8.05 | 8.72 | 9.82 |
| Gybe Angles | 142.3° | 140.8° | 145.7° | 149.4° | 151.7° | 156.4° | 177.2° |