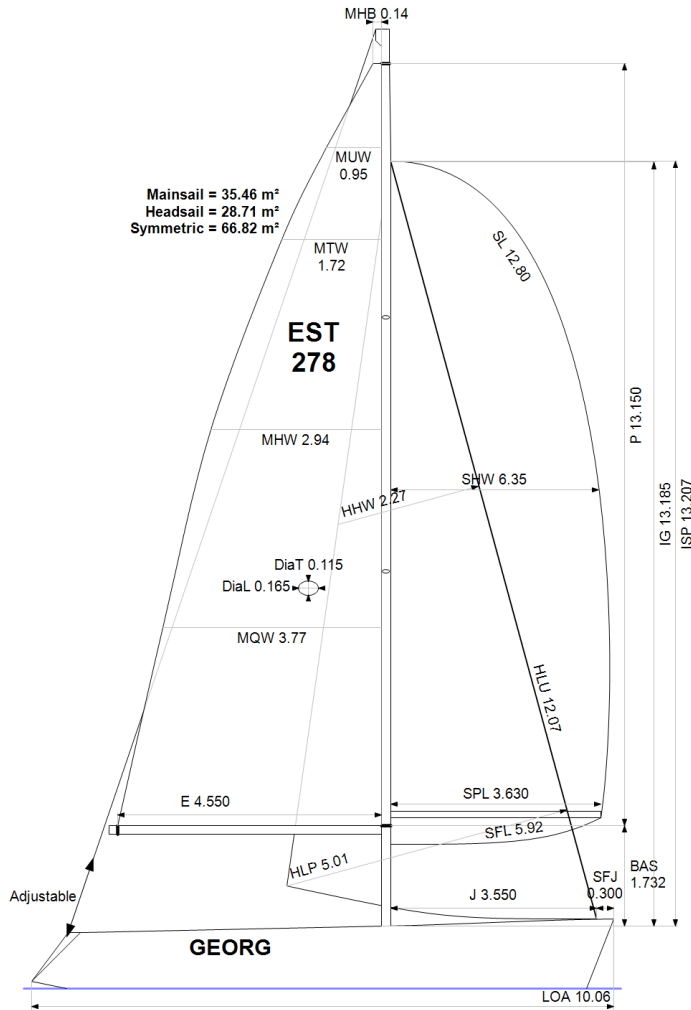


GPH = 646.4 **CDL = 8.717**



BOAT

Class **X-332**
Designer **JEPPESEN**
Builder **X YACHTS**
Age Date **01/2000**
Series Date **01/1994**
Offset File **IX332.BOF**

HULL

Length Overall **10.060 m**
Maximum Beam **3.284 m**
Draft **1.830 m**
Displacement **4,681 kg**
DLR **5.9818**
IMS Division **Cruiser/Racer**
Dynamic Allowance **0.231%**
Age Allowance **0.487%**

PROPELLER

Installation **Strut**
Type **Folding 2 blades**
Diameter **0.380m**

CREW

Maximum weight **609 kg**
Minimum weight **457 kg * when applied**
Non Manual Power **No**
Crew Arm Extension

SAIL AREAS (m²)

| | Measured | Rated |
|-----------------|--------------|--------------|
| Mainsail | 35.46 | 36.15 |
| Headsail Luffed | 28.71 | 28.71 |
| Headsail Flying | | |
| Symmetric | 66.82 | 66.82 |
| Asymmetric | | |

SAIL LIMITATIONS

Headsails **5**
Spinnakers **4**

STABILITY

Righting Moment **116.5 kg·m**
Stability Index **N/A**

OWNER

The owner certifies that he/she understands his/her responsibilities under ORC Rule and Regulations.

| Rated boat velocities in knots | | | | | | | |
|--------------------------------|--------|--------|--------|--------|--------|--------|--------|
| Wind Velocity | 6 kt | 8 kt | 10 kt | 12 kt | 14 kt | 16 kt | 20 kt |
| Beat Angles | 42.8° | 41.3° | 40.9° | 39.0° | 38.3° | 38.3° | 38.6° |
| Beat VMG | 3.33 | 4.01 | 4.56 | 4.89 | 5.01 | 5.06 | 5.04 |
| 52° | 5.10 | 6.03 | 6.64 | 6.92 | 7.04 | 7.10 | 7.12 |
| 60° | 5.41 | 6.32 | 6.82 | 7.08 | 7.23 | 7.30 | 7.34 |
| 75° | 5.64 | 6.53 | 6.96 | 7.23 | 7.45 | 7.64 | 7.80 |
| 90° | 5.57 | 6.51 | 7.05 | 7.35 | 7.52 | 7.80 | 8.26 |
| 110° | 5.46 | 6.56 | 7.10 | 7.48 | 7.87 | 8.25 | 8.67 |
| 120° | 5.28 | 6.39 | 7.01 | 7.39 | 7.78 | 8.21 | 9.05 |
| 135° | 4.75 | 5.82 | 6.65 | 7.11 | 7.47 | 7.87 | 8.77 |
| 150° | 4.01 | 5.06 | 5.96 | 6.69 | 7.11 | 7.45 | 8.23 |
| Run VMG | 3.48 | 4.38 | 5.18 | 5.90 | 6.55 | 7.00 | 7.68 |
| Gybe Angles | 145.5° | 150.5° | 153.0° | 159.0° | 180.0° | 180.0° | 180.0° |

| Time Allowances in secs/NM | | | | | | | |
|----------------------------|--------|-------|-------|-------|-------|-------|-------|
| Wind Velocity | 6 kt | 8 kt | 10 kt | 12 kt | 14 kt | 16 kt | 20 kt |
| Beat VMG | 1079.8 | 898.0 | 790.1 | 736.1 | 718.4 | 711.6 | 714.8 |
| 52° | 705.3 | 596.7 | 542.3 | 520.2 | 511.2 | 507.3 | 505.9 |
| 60° | 665.6 | 569.5 | 527.9 | 508.5 | 497.8 | 493.0 | 490.1 |
| 75° | 637.8 | 551.4 | 517.4 | 498.0 | 482.9 | 471.2 | 461.3 |
| 90° | 646.2 | 552.8 | 510.8 | 489.8 | 478.8 | 461.6 | 435.9 |
| 110° | 658.8 | 548.9 | 507.1 | 481.6 | 457.2 | 436.6 | 415.3 |
| 120° | 681.6 | 563.3 | 513.8 | 487.3 | 462.5 | 438.5 | 397.7 |
| 135° | 757.4 | 618.8 | 541.2 | 506.4 | 482.1 | 457.3 | 410.4 |
| 150° | 897.2 | 711.3 | 603.6 | 538.0 | 506.3 | 483.4 | 437.6 |
| Run VMG | 1036.0 | 821.3 | 694.9 | 610.2 | 549.9 | 514.1 | 468.6 |
| Selected Courses | | | | | | | |
| Windward / Leeward | 1057.9 | 859.7 | 742.5 | 673.2 | 634.1 | 612.8 | 591.7 |
| All purpose | 811.9 | 671.3 | 596.2 | 555.1 | 530.7 | 514.7 | 494.1 |

| Single Number Scoring Options | | |
|-------------------------------|------------------|--------------|
| Course | Time On Distance | Time On Time |
| Windward / Leeward | 707.0 | 0.8486 |
| All purpose | 575.8 | 1.0420 |

Custom scoring options for Estonia

| Single Number | Time On Distance | Time On Time |
|--|------------------|--------------|
| Coastal/Long Distance | 628.1 | 0.9553 |
| Triple Number Coastal/Long Distance Low | 741.6 | 0.8091 |
| Triple Number Coastal/Long Distance Medium | 572.4 | 1.0483 |
| Triple Number Coastal/Long Distance High | 511.0 | 1.1742 |
| Triple Number Windward/Leeward Low | 958.8 | 0.6258 |
| Triple Number Windward/Leeward Medium | 702.1 | 0.8546 |
| Triple Number Windward/Leeward High | 610.2 | 0.9833 |

| Performance Curve | 6 kt | 8 kt | 10 kt | 12 kt | 14 kt | 16 kt | 20 kt |
|-----------------------|--------|-------|-------|-------|-------|-------|-------|
| Coastal/Long Distance | 1055.7 | 807.6 | 670.5 | 591.4 | 552.2 | 521.8 | 471.2 |