

GPH = 741.6 **CDL = 6.261**

BOAT

Class **Extra Paulette**
Designer **Joubert/Nivelt**
Builder
Age Date **05/1978**
Series Date **05/1978**
Offset File **xtrapaulet.off**

HULL

Length Overall **7.341 m**
Maximum Beam **3.124 m**
Draft **1.445 m**
Displacement **1,406 kg**
DLR **6.5386**
IMS Division
Dynamic Allowance **0.233%**
Age Allowance **0.487%**

PROPELLER

Installation **No Propeller**
Type **N/A**
Diameter **N/A**

CREW

Maximum weight **326 kg**
Minimum weight **241 kg * when applied**
Non Manual Power
Crew Arm Extension

SAIL AREAS (m²)

| | Measured | Rated |
|-----------------|--------------|--------------|
| Mainsail | 17.18 | 17.64 |
| Headsail Luffed | 12.45 | 12.45 |
| Headsail Flying | | |
| Symmetric | 31.59 | 31.59 |
| Asymmetric | | |

SAIL LIMITATIONS

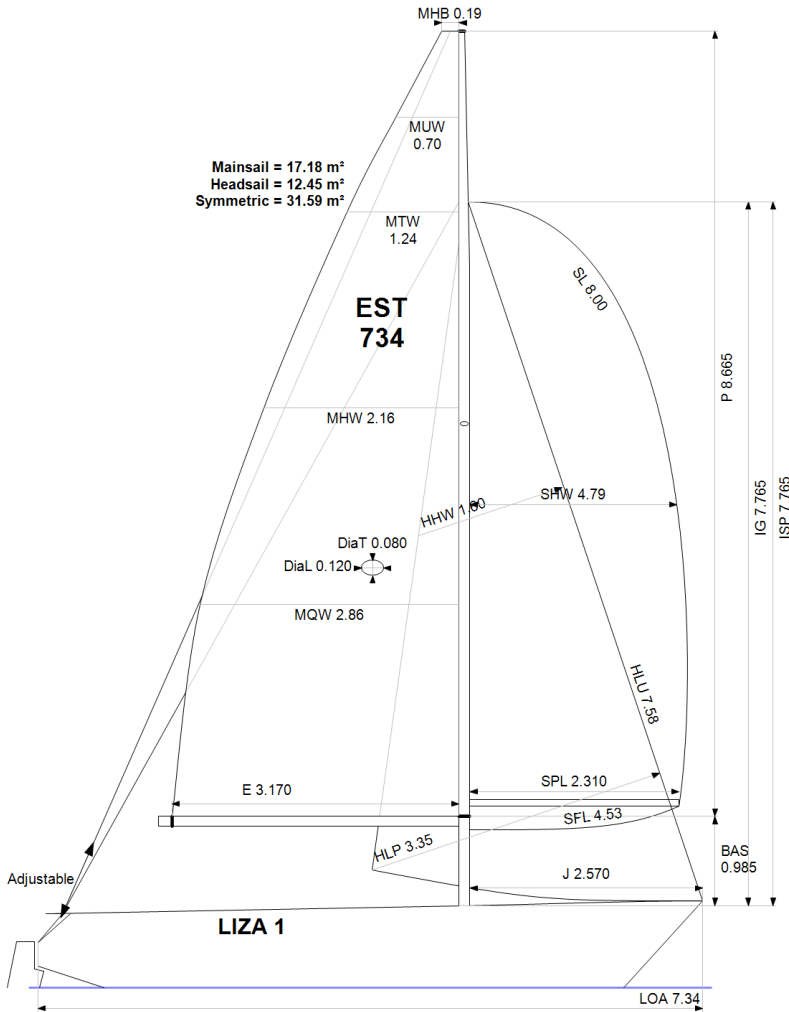
Headsails **5**
Spinnakers **4**

STABILITY

Righting Moment **26.5 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 | 42.0° | 42.0° | 40.5° | 37.9° | 37.5° | 37.5° | 39.4° |
| Beat VMG | 2.93 | 3.49 | 3.93 | 4.21 | 4.31 | 4.34 | 4.26 |
| 52° | 4.46 | 5.26 | 5.65 | 5.86 | 6.00 | 6.06 | 6.06 |
| 60° | 4.70 | 5.46 | 5.79 | 6.00 | 6.17 | 6.28 | 6.33 |
| 75° | 4.88 | 5.58 | 5.91 | 6.15 | 6.40 | 6.61 | 6.82 |
| 90° | 4.89 | 5.70 | 6.09 | 6.42 | 6.68 | 6.82 | 7.24 |
| 110° | 4.89 | 5.70 | 6.11 | 6.51 | 6.93 | 7.32 | 7.88 |
| 120° | 4.71 | 5.59 | 6.02 | 6.41 | 6.84 | 7.28 | 8.26 |
| 135° | 4.21 | 5.13 | 5.79 | 6.15 | 6.53 | 6.94 | 7.94 |
| 150° | 3.58 | 4.50 | 5.31 | 5.84 | 6.18 | 6.54 | 7.34 |
| Run VMG | 3.10 | 3.90 | 4.63 | 5.33 | 5.80 | 6.12 | 6.82 |
| Gybe Angles | 149.0° | 153.0° | 154.0° | 174.0° | 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 | 1228.6 | 1032.3 | 916.7 | 855.5 | 835.0 | 829.8 | 845.0 |
| 52° | 807.7 | 684.3 | 637.7 | 614.5 | 600.5 | 594.5 | 594.3 |
| 60° | 766.2 | 659.1 | 621.8 | 600.1 | 583.4 | 573.0 | 569.1 |
| 75° | 737.5 | 644.9 | 609.1 | 585.1 | 562.9 | 544.6 | 528.2 |
| 90° | 735.7 | 631.1 | 591.5 | 561.2 | 539.1 | 527.9 | 497.2 |
| 110° | 736.9 | 631.2 | 588.9 | 552.6 | 519.7 | 492.0 | 457.0 |
| 120° | 764.0 | 643.7 | 597.8 | 561.9 | 526.6 | 494.3 | 435.6 |
| 135° | 854.7 | 701.3 | 622.1 | 585.8 | 551.6 | 518.6 | 453.1 |
| 150° | 1006.7 | 799.6 | 678.2 | 616.0 | 582.9 | 550.8 | 490.8 |
| Run VMG | 1162.4 | 922.1 | 776.7 | 675.9 | 621.2 | 588.0 | 527.8 |
| Selected Courses | | | | | | | |
| Windward / Leeward | 1195.5 | 977.2 | 846.7 | 765.7 | 728.1 | 708.9 | 686.4 |
| All purpose | 920.0 | 767.0 | 687.6 | 640.4 | 611.5 | 592.8 | 566.7 |

| Single Number Scoring Options | | |
|-------------------------------|------------------|--------------|
| Course | Time On Distance | Time On Time |
| Windward / Leeward | 807.4 | 0.7432 |
| All purpose | 662.2 | 0.9060 |

Custom scoring options for Estonia

| Single Number | Time On Distance | Time On Time |
|--|------------------|--------------|
| Coastal/Long Distance | 720.1 | 0.8333 |
| Triple Number Coastal/Long Distance Low | 843.5 | 0.7113 |
| Triple Number Coastal/Long Distance Medium | 659.4 | 0.9099 |
| Triple Number Coastal/Long Distance High | 587.7 | 1.0210 |
| Triple Number Windward/Leeward Low | 1086.4 | 0.5523 |
| Triple Number Windward/Leeward Medium | 801.0 | 0.7491 |
| Triple Number Windward/Leeward High | 705.3 | 0.8507 |

| Performance Curve | 6 kt | 8 kt | 10 kt | 12 kt | 14 kt | 16 kt | 20 kt |
|-----------------------|--------|-------|-------|-------|-------|-------|-------|
| Coastal/Long Distance | 1192.2 | 918.5 | 768.6 | 680.9 | 635.5 | 600.0 | 537.0 |