

2.4

International 2.4 mR Class MEASUREMENT FORM



Sail Number **XXXXX**

World Sailing plaque no

985

Owner

Name of yacht

| | | | | |
|---|--------|-------------------------|-------|--------|
| OVERALL LENGTH | | | | 4,178 |
| Overhang Forward to L1 | 0,429 | | | |
| Overhang Aft to L1 | | | | |
| Total Overhang | 0,654 | | | 1,083 |
| MEASURED LENGTH (L1-L1) | | | | 3,095 |
| Girth at Bow | 0,313 | | | |
| Twice vertical height at Bow (Subtract) | | O at Bow (min 0.072) | 0,240 | 0,073 |
| 1 1/2 O at Bow (min 0.108 m) | | | | 0,110 |
| Girth at Stern | 0,888 | | | |
| Twice vertical height at Stern (Subtract) | | O at Stern (min 0.240) | 0,526 | 0,362 |
| Add 1/3 O at Stern (min 0.080 m) | | | | 0,121 |
| Add any penalty at O2 | | Sum of Girth difference | 0,000 | 0,231 |
| Add any penalty (displ. and beam) | | | | 0,000 |
| CORRECT LENGTH L | | | | 3,326 |
| Skin d to d1 Port | 0,733 | | | |
| Chain d to d1 Port | | d Port | 0,733 | 0,000 |
| Skin d to d1 Starboard | 0,733 | | | |
| Chain d to d1 Starboard | | d Starboard | 0,733 | 0,000 |
| d = d Port + d Starboard | | 2 x d | | 0,000 |
| Add to find sum of L + 2d | | | | 3,326 |
| Mean Freeboard Bow O | 0,327 | | | |
| Mean Freeboard Midship d | 0,291 | | | |
| Mean Freeboard Stern O | | Sum of Freeboards | 0,299 | 0,917 |
| F=1/3 sum of freeboards | | F, max 0.292 | | 0,306 |
| = L + 2d - F | | | | 3,034 |
| Penalty Displacement Rule D.7.2 | | LWL | 2,980 | |
| Corr LWL | | 2 x difference | 2,980 | 0,000 |
| Penalty Beam Rule D.7.3 | | Beam | 0,750 | |
| Min beam | | 4 x deficiency | 0,720 | -0,030 |
| √S | | | | 2,654 |
| TOTAL OF MEASUREMENTS L + 2d - F + √S | | | | 5,688 |
| Total of measurements divided by 2.37 | | | | 2,400 |
| Penalty Draft Rule D.7.1 | | Draft | 0,986 | |
| Max draft | Excess | 3 x excess | 1,000 | -0,014 |
| Penalty Tumble home D.7.4 | | Tumble home | 0,000 | |
| Max Tumble home | Excess | 3 x excess | 0,015 | -0,015 |
| FINAL RATING | | | | 2,400 |

Measurement form

xxxxx

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| | | | |
|--|------------------------|---------------------|-------|
| Overall Length | | | 4,178 |
| Overhang Forward to L | 0,544 | | |
| Overhang Aft to L | 0,654 | | |
| Total Overhang (Sum overhang forward and aft) | | | 1,198 |
| Waterline Length (Overall Length - Total Overhang) | | | 2,980 |
| Minimum measured cockpit frame over water level when ballasted and swamped | | | 0,050 |
| Boat weight recorded by weighing according to rule C.5.1 | | | 254kg |
| Boat weight including 35 kg ballast | | | 289kg |
| Minimum weight by Rule D.7.2 | (0.2xLWL+0.06)3 x 1025 | if positive penalty | 0,000 |
| | | Ballast | +35kg |
| | | | 289kg |

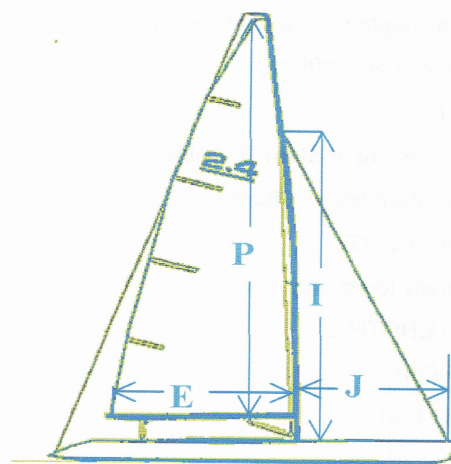
Sail Dimensions

Outer point distance

Forestay height

Foretriangle base

| | |
|-----|-------|
| P= | 4,650 |
| E = | 1,960 |
| I = | 3,750 |
| J = | 1,560 |



Mast measurements checked

Height of mast datum point Rule C.8.2 (b) (2)

Boom measurements checked

ok

Rudder thickness, Rule E.4.3

ok

Areas of Sails

 Mainsail $0.5 \times P \times E =$

 Foretriangle Total $0.5 \times I \times J$

 Foretriangle Total $\times 0.85 =$

Sail Area For Rating = S =

 \sqrt{S}

| | |
|-------|-------|
| | 4,557 |
| 2,925 | |
| | 2,486 |
| | 7,043 |
| | 2,654 |

Builder Charger Technology Finland

Designer Peter Norlin

When built

2018

Measured by Rikard Björström, FSBF 38

Date

3.7.2018

Signature