International 2.4 metre Measurement Form

Sail Number NOR 87

ISAF Plaque Number 0014

| Ball Hallot | 1 |
|---|------------------------|
| Owner Tor Eksund | Name of yacht |
| Overall length | 4.182 |
| Overhang Forward to L1 | +0.432 |
| Overhang Aft to L1 Total overhang | +0.655 >-1.087 |
| Measured length | 3.095 |
| Girth at Bow | 0.312 |
| Twice Vertical Height at Bow O at Bow | -0,240 → 0.072 |
| 1½ O at Bow | +0.108 |
| Girth at Stern | 0.898 |
| Twice Vertical Height at Stern O at Stern | -0.529 0.369 |
| Add 1/3 O at Stern | +0.123 |
| Add any penalty at O2 Sum of Girth difference | + → +0.231 |
| Correct length, L | 3.326 |
| Skin girth d to d1 Port | |
| Chain girth d to d1 Port d Port | + - |
| Skin girth d to d1 Starboard | |
| Chain girth d to d1 Starb, d Starboard | - > + - |
| d = d Port + d Starboard 2 x d | + 0 |
| Add to find sum of $L + 2d$ | 3.326 |
| Mean freeboard Bow O | + 0.327 |
| Mean freeboard Midships D | +0.291 |
| Mean freeboard Stern Sum of freeboards | +0.298 → 0.916 |
| F=1/3 sum of freeboards F , max 0.292 | 0.305 - 0.292 |
| =L+2d-F | 3.034 |
| Penalty Displacement Rule D.7.2. LWL | |
| Corr LWL Difference 2 x difference | + 0 |
| Penalty Beam Rule D.7.3 Beam | |
| Min beam Deficiency 4 x deficiency | - 0,720 → + Ø |
| \sqrt{S} | +2.654 |
| Total of Measurements L + 2d - F + \sqrt{S} | 5. 688 |
| Divide by 2.37 = RATING = | 2.400 |
| Penalty Draft Rule D.7.1 Draft | |
| Max draft Excess 3 x excess | - 1,000 → + <i>O</i> |
| Penalty Tumble home D.7.4 Tumble home | |
| Max Tumble home Excess 3 x excess | - 0,015 → + 0 |
| FINAL RATING | 2.400 |

VOR 87. ISAF no. 0014

Other Measurements recorded by measurer

Overall Length . .

Overhang Forward to L

Overhang Aft to L

Total Overhang (Sum overhang forward and aft)

Waterline Length (Overall Length - Total Overhang)

Minimum measured cockpit frame over water level when ballasted and swamped in accordance with rule C.5.2

Boat weight recorded by weighing according to rule C.5.1

Boat weight including 35 kg ballast

Minimum weight by Rule D.7.2 (0.2xLWL+0.06)³ x 1025

| ** | 4.18 | Z |
|--------|-------|----|
| +0.549 | | |
| +0.655 | | |
| > | -1.20 | Y |
| | 2.978 | |
| | | |
| | 254 | Kg |
| | 289 | Kg |
| | 289 | Kg |

Sail Dimensions

P=4.650

Outer point distance E = 1.960

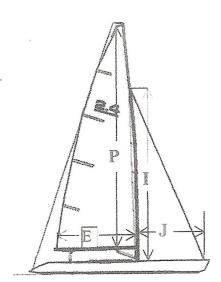
Forestay height

I = 3.750

Foretriangle base

T = 1.560

| Mast measurements checked | |
|------------------------------|---|
| Height of mast datum point | |
| Rule C.8.2 (b) (2) | , |
| Boom measurements checked | |
| Rudder thickness, Rule E.4.3 | |



Areas of Sail Mainsail $0.5 \times P \times E =$ Foretriangle Total $0.5 \times I \times J =$ Foretriangle Total x 0.85 Sail Area For Rating = S = VS

Builder Vene Björndahl Designer Peter Norlin

When Built. 19.9.4

Measured by Eske Hyupp.d....

Date of Measurement 14/8-1994

Complementary measured by H. Rolfsnes. Date of compl measurement 12/6-2013

Certificate issued by Harald Rolfsnes Date of issue 11/9-2.0.2 CANorsk 24m R Klubb

authority