


INTERNATIONAL 2.4 METRE CLASS

Rating Certificate

| | | |
|-----------------------------------------|---------------------------------------|-------------------------------------------------------------------------------------|
| National Letters and Sail Number | SWE 395 | |
| ISAF Plaque no. | 320 | |
| Designer | Peter Norlin | |
| Builder | Vene Björndahl | |
| Building Year | 2001 | |
| Owner | Torgil Falck | |
| Owners adress | Skvatterevsgatan 62 216 42 Limhamn | |
| Supersedes former certificate, dated | 2007-08-03 | Swedish Sailing Federation |
| This certificate is dated | 2010-01-05 |  |
| Validity confirmed by | <i>Kjell Martinsson</i> | |
| Measurer: Esko Hyyppä | 2001-05-23 | Stamp of Authority |
| Complementary measurement: Per Lindell | 2007-04-28 | |

| | | | |
|------------------------------------------------|-------|-------|-------|
| Overall Length | | 4.182 | |
| Add (Overhang Forward to L ₁) | | 0.430 | |
| Add (Overhang Aft to L ₁) | | 0.655 | |
| Subtract Total Overhang | | 1.085 | 1.085 |
| Measured Length | | | 3.097 |
| Girth at Bow | | 0.312 | |
| Subtract (Twice Vertical Height at Bow | | 0.240 | |
| 0 at Bow | | 0.072 | |
| Add 1,5*0 at Bow, (min 0.108) | | | 0.108 |
| Girth at Stern | | 0.898 | |
| Subtract (Twice Vertical Height at Stern | | 0.529 | |
| 0 at Stern | | 0.369 | |
| Add 1/3 0 at Stern, minimum 0.080 | | | 0.123 |
| Add any penalty at 0 ₂ | | | |
| Correct length, L | | 3.328 | 3.328 |
| Subtract (Skin d to d ₁ Port | | 0.000 | |
| Subtract (Chain d to d ₁ Port | | 0.000 | |
| d Port | | 0.000 | |
| Subtract (Skin d to d ₁ Starboard | | 0.000 | |
| Subtract (Chain d to d ₁ Starboard | | 0.000 | |
| d Starboard | | 0.000 | |
| Add d | | | 0.000 |
| 2d | | | 0.000 |
| Add to find sum of measurements | | | 3.328 |
| Add (Mean Freeboard Bow 0 | | 0.327 | |
| Add (Mean Freeboard Midship D | | 0.294 | |
| Add (Mean Freeboard Stern 0 and 0 ₂ | | 0.298 | |
| Sum of Freeboards | | 0.919 | |
| Subtract (1/3 sum) FREEBOARD, F, max | 0.292 | | 0.292 |
| | | | 3.036 |
| Beam penalty | | | 0.000 |
| Tumblehome penalty | | | 0.000 |
| \sqrt{S} | | | 2.653 |
| Total of Measurements | | | 5.689 |
| Divide by 2.37 = RATING = | | | 2.400 |
| Displacement penalty | | | 0.000 |
| Draft penalty | | | 0.000 |
| Final Rating | | | 2.400 |

If in doubt, the Certificate can be checked against the official website:

<http://www.svensksegling.se/Avdforbatteknik/Matbrev/Sokgiltligtentypsmatbrev/>

| | |
|-----------------------------------------|------------|
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| ISAF Plaque no. | 320 |
| This certificate is dated | 2010-01-05 |

| | |
|--------------------------------------------------|----------------|
| Overall Length | 4.182 |
| Add (Overhang Forward to L (Overhang Aft to L | 0.547 0.655 |
| Subtract Total Overhang | <u>1.202</u> |
| Water Line Length | 2.980 |
| Beam at 1/3 Height of Midship Freebord | 0.000 |
| Maximum draft | 0.000 |
| Tumble Home | 0.000 |
| Weight by weighing | <u>254 kg</u> |
| with 35 kg ballast | <u>289 kg</u> |
| Minimum weight required by Rule | <u>289 kg</u> |

| | |
|-----------------------------|--------------|
| Areas of Sails | I = 3.750 |
| | J = 1.560 |
| | P = 4.650 |
| | E = 1.958 |
| Mainsail = | 4.552 |
| Foretriangle Total = | 2.925 |
| Foretriangle Total x 0.85 = | <u>2.486</u> |
| Sail Area for Rating = S = | <u>7.039</u> |
| \sqrt{S} | <u>2.653</u> |

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