



International 2.4 Metre Measurement Certificate

Owner: PETER LEWIN
Of: 9 ELGIN ROAD
LILLIPUT
POOLE
DORSET
BH14 8QT

Sail Number GBR 3

Boat Name:

Sailing Club:

Plaque Number: 311

Designer: PETER NORLIN

Builder: VENE-SJORND AHL

Date Built:

Measurer(s): E HYYPRE / D CHIVERS

Measurement Completed:

First Certificate:

Date of this Certificate 27-Mar-01

Valid Until:

Notes:

Certificate Authorised by: J BAILEY



for the RYA

Sail Endorsements

All sails used when racing shall have been measured by an RYA Approved Metre Measurer who shall have signed and dated each sail at its tack. Sail endorsements are not required on this Certificate.

Owner's Declaration

I undertake to race this 2.4 Metre only so long as I maintain it to conform with the international 2.4 Metre Class Rules. I also undertake that corrector weights (if any) will not be altered or removed except when carried out in conjunction with an official re-weighing undertaken by an RYA Approved Metre Class Measurer. At such times or upon a change to any of the details shown on this certificate I will return it to the RYA.

Owner's Signature:

Date:

30th March 01

This Certificate is as required by the RYA in accordance with RRS 78

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MEASUREMENTS

Overall length
 Add Overhang Forward to L1
 Overhang Aft to L1
 Total Overhang
 Measured Length (Overall length - Total Overhang)
 Girth at Bow
 Twice Vertical Height at Bow
 O at Bow
 Add 1½ O to Bow
 Subtract Girth at Stern
 Twice vertical Height at Stern
 O at stern
 Add 1/3 O at Stern
 Add any penalty at O2
 Correct length, L

 Skin girth d to d1 Port
 - Chain girth d to d1 Port
 = Girth difference Port
 Skin girth d to d1 Starboard
 - Chain girth d to d1 Starboard
 = Girth difference Starboard

Add Girth difference Port and Starboard
 2 x sum of Girth difference
 Add to find sum of L + 2d
 Add Mean freeboard Bow O
 Mean freeboard Midships D
 Mean freeboard Stern O & O2

Sum of freeboards

Subtract 1/3 sum Freeboard, F (max 0.292)

= L+2d-F

√ S

Total of Measurements L+2d-F+ S

Divide by 2.37 = **RATING** =

	4.182	
0.432		
0.655		
←	-1.087	
	3.095	
0.312		
0.240		
0.072		
	0.108	
0.898		
0.529		
0.369		
	0.123	
	←	3.326
←		
	←	
		3.326
0.327		
0.291		
0.298		
0.916		
	←	-0.292
		3.034
		2.654
		5.688
		2.400



OTHER MEASUREMENTS RECORDED BY MEASURER

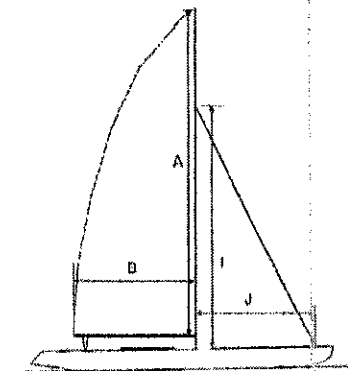
Overall Length
 Overhang Forward to L
 Overhang Aft to L
 Total Overhang (Sum overhang forward & aft)
 Waterline Length (Overall length - Total Overhang)
 Beam at 1/3 Height of Midship Freeboard
 Tumblehome
 Minimum measured freeboard when ballasted and swamped in accordance with Rule 8.2
 Weight recorded by weighing in measurer's presence (including 35kg ballast)
 Minimum weight required by Rule $(0.2 \times LWL + 0.06)^3$

	4.182
0.549	
0.655	
←	-1.204
	2.978
	0.720
	0.036
	263.5 kg
	255.0 kg

Sail Dimensions

A = 4.650

B = 1.960



I = 3.750

J = 1.560

Areas of Sails

Mainsail	4.558 m ²
Foretriangle Total =	2.925 m ²
Foretriangle Total x 0.85 =	2.486 m ²
Sail Area for Rating = S =	7.044 m ²
\sqrt{S}	2.654

[2.4 GBR 38] NOTE: This Certificate is issued by the RYA. No details shall be altered without the prior permission of the RYA.

