

OTHER MEASUREMENTS RECORDED BY MEASURER

GBR-61

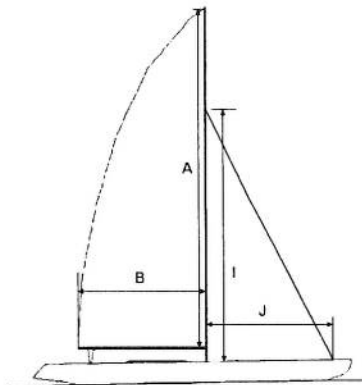
Overall Length
 Overhang Forward to L
 Overhang Aft to L
 Total Overhang (Sum overhang forward & aft)
 Waterline Length (Overall length - Total Overhang)
 Beam at 1/3 Height of Midship Freeboard
 Tumblehome
 Minimum measured freeboard when ballasted and swamped in accordance with Rule 8.2
 Weight recorded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

	4.180
0.547	
+ 0.655	
	-1.202
	2.978
	0.751
	.
	0.05
	296.0 kg
	289.0 kg

Sail Dimensions

A = 4.650

B = 1.960



I = 3.750

J = 1.560

Areas of Sails

Mainsail

4.557 m²

Foretriangle Total =

2.92 m²

Foretriangle Total x 0.85 =

2.486 m²

Sail Area for Rating = S =

7.043 m²

\sqrt{S}

2.654

[2.4 GBR 61] NOTE: This Certificate is issued by the RYA. No details shall be altered without the prior permission of the RYA.



ROYAL YACHTING ASSOCIATION

INTERNATIONAL 2.4 METRE RATING CERTIFICATE

As required by the RYA in accordance with RRS 78

TECHNICAL UNIT

Name: RAINBOW

Sail Number: GBR 61

Owner: MIKE BROWNE
Of: UNIT C, THE FORUM
HAMWORTH LANE
CHERTSEY

KT19 9LX

Sailing Club:

Builder: VENE BJORND AHL

Date Built: 01/01/99

Measurer(s): ESKO HYYPPA

Measurement Completed: 26/10/99

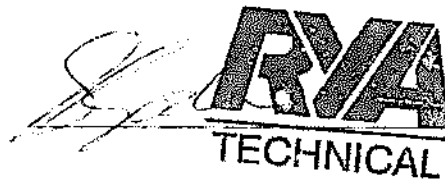
Date of First Certificate: 04/05/00

Date of this Certificate: 04/05/00

Valid Until:

Notes:

Certificate Authorised by: S J GODWIN



for the RYA

Sail Endorsements

All sails used when racing shall have been measured by an RYA Approved Metre Class 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 International 2.4 Metre only so long as I maintain it to conform with the Class Rules. I also undertake that upon any change to any of the details of the yacht. I will arrange for re-measurement by an RYA Approved 2.4 Metre Measurer and return a new measurement form together with the completed Rating Certificate to the RYA for re-issue.

Owner's Signature: _____

Date: 6/5/00

A change of any of the details on this page, including ownership, necessitates the issue of a new first page. The fee for this is set at the standard RYA Certification Fee whereas the fee for a complete new Certificate is set at the RYA Metre Yacht Certification Fee. Please telephone for details.

MIKE BROWNE

of: **UNIT C THE FORUM
HAMWORTH LANE
CHERTSEY**

KT19 9LX

has been allocated the sail number: 61

for one: 2.4

Plaque / Hull Number: 277

Date: 04 May 2000

RYA Authority: S J GODWIN

The Sail Number given above has been allocated to a boat of the class specified and should be displayed on the sails in accordance with class rules. Where no class rules exist or the class rules do not relate to sail number placement, the number should be displayed in accordance with the International Sailing Federation (ISAF) Racing Rule of Sailing 77 - Appendix H.

To be eligible to race, the ISAF Racing Rule of Sailing requires every boat of an International class and the RYA require every boat of a National class to have been issued with a valid Measurement Certificate. To obtain such a Certificate the owner should initially contact an RYA Approved Class Measurer. The recommended fee for measurement is £18.00 per hour plus travel.

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Building Fee / Sail Number Allocation - V.A.T. Receipt

A fee of: £15.32
plus V.A.T. of: £2.68

has been received from: **MIKE BROWNE**
of: **UNIT C THE FORUM
HAMWORTH LANE
CHERTSEY**

KT19 9LX

for the allocation of the: **2.4**

sail number: **61**

Date: **04 May 2000**

V.A.T. number 239 2813 52

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Royal Yachting Association

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Eastleigh, Hampshire, SO50 9YA
United Kingdom
Tel: 02380 627400
Fax: 02380 629924
<http://www.rya.org.uk>

INTERNATIONAL 2.4 METRE CLASS CERTIFICATE OF RATING

SAIL NUMBER	GBR 61
ISAF PLAQUE NUMBER	277
DESIGNER	PETER NORLIN
BUILDER	VE NE-BJORND AHL
WHEN BUILT	1999
MEASURED BY	ESKO HYYPPA
DATE MEASUREMENT COMPLETED	26 OCTOBER 1999
DATE OF THIS CERTIFICATE	4 MAY 2000
ISSUED BY	THE ROYAL YACHTING ASSOCIATION
RATING	2.400



MEASUREMENTS

GBR-61

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 1/2 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 =

	4.180	
0.430		
0.655		
	+ 1.085	
	3.095	
0.312		
0.240		
0.072		
	0.108	
0.898		
0.529		
0.369		
	0.123	
		3.326
.		
.		
.		
.		
.		
.		
0.327		
+ 0.291		
+ 0.298		
0.916		
.		
.		-0.292
.		3.034
.		2.654
.		5.688
.		2.400



INTERNATIONAL 2.4 mR YACHT FLOATATION CERTIFICATE

Sail Number: G702 61.....

Plate number: 277.....

Owner: MEGAN PASCOE.....

Design: MOULIN MC3.....

Type of buoyancy equipment: FREGOLITE.....

Day of floatation check: 2004-07-25.....

The yacht has been checked under the following conditions:

- The boat was in racing condition according to Rule C.5.1 and with an extra 35kg lead ballast placed within 100mm from 0.55 x LWL from the bow station.
- The boat was filled with water and tilted over to starboard, to port, to the bow and to the stern in order to let air enclosed under deck and other parts of the hull to come out.

It was noticed that the boat floated in an approximate horizontal position

This is certified by GÖRAN KINSTEW.....

Registered by the Swedish 2.4 mR Class Association

Date of registration: 2004-07-27.....

Registered by: GÖRAN KINSTEW.....