



# 6

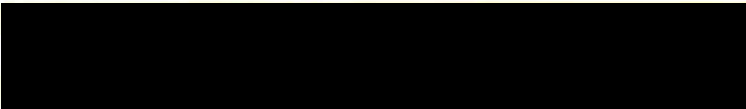
## INTERNATIONAL SIX METRE CLASS CLASSIC


Yacht's Name Nada

National letters and Sail Number GBR 12 Club Royal Thames Yacht Club

Designer William Fife/ Howlett Keel Modification

Builder William Fife & Son Building Year 1930

Owner 


Owner's Address 

Lloyds R class certificate

### RATING CERTIFICATE


This yacht has been measured by measurer(s) appointed by the Royal Yachting Association and has been found to rate not more than 6.000 metres.

This certificate is dated 02-Aug-11

Measurer David Chivers Signature 

Valid until 02-Aug-13

Supersedes Jul-07 (enter former certif. number or date)

Signature   
RYA Technical

**RYA**  
**TECHNICAL**  
Stamp of Authority of the  
Royal Yachting Association

Yacht's name : **Nada**

Date : **02-Aug-11**

# RATING CALCULATION

**OVERALL LENGTH**

Overhang Forward to L1

1.335

10.995

10.995

Overhang Aft to L1

2.044

Subtract Total Overhang

3.379

-3.379

**MEASURED LENGTH (L1 L1)**

7.616

Girth at Bow

0.849

Subtract Twice vertical Height at Bow

0.600

O at Bow (min 0.180 m)

0.249

Add 1 1/2 O at Bow (min 0.270 m)

0.374

Girth at Stern

2.119

Subtract Twice vertical Height at Stern

1.074

O at Stern

1.045

Add 1/3 O at Stern (min 0.200 m)

0.348

Add any penalty at O2

0.000

Add any Beam / Displacement Penalty

0.000

Sum of Length and Girth Corrections

8.338

**CORRECT LENGTH L**

8.338

Skin d to d1 Port

1.807

Chain d to d1 Port

1.791

d Port

0.016

0.016

Skin d to d1 Starboard

1.822

Chain d to d1 Starboard

1.809

d Starboard

0.013

0.013

Add d

0.029

**GIRTHS Add 2d**

0.058

Add to find sum of measurements

8.396

8.396

Mean Freeboard Bow O

Actual

0.801

0.801

Mean Freeboard Midship d

Actual

0.612

0.612

Mean Freeboard Stern O

Actual

0.627

0.627

Sum of Freeboards

2.040

**Subtract (1/3) FREEBOARD, F**

0.680

**Add SAIL AREAS (Square root)**

6.505

14.221

**TOTAL OF MEASUREMENTS**

14.221

Calculated Rating

6.000

Add any Tumblehome / Draught Penalty

0.000

**RATING**

6.000

Date and place of Measurement

Cowes - 26/27 July 2011

Measurer's Name(s)

David Chivers

Signature



**Yacht's name : Nada**

**Date :**

02-Aug-11

## PENALTIES

Length overall	10.995	
Overhang Forward to L	1.612	
Overhang Aft to L	2.290	
Subtract from overall length	3.902	
<b>WATERLINE LENGTH</b>	<b>7.093</b>	
<b>BEAM</b>		
Beam at 1/3 of Midship Freeboard (actual)	2.210	
Minimum Beam at 1/3 of Midship Freeboard	1.830	
Difference (if positive)	0.000	
<b>BEAM PENALTY (add to L)</b>		<b>0.000</b>
<b>TUMBLEHOME</b>		
Tumblehome Max both sides. (2 x 2% of Extr. Beam)	0.088	
Extreme Beam	2.210	
Beam at deck	2.170	
Difference (if positive)	0.040	
<b>TUMBLEHOME PENALTY (add to Rating)</b>		<b>0.000</b>
<b>WEIGHT [ton] (actual including added ballast)</b>	4.240	
Minimum Displacement for Zero Penalty [m3]	3.860	
Minimum Weight for Zero Penalty [ton] (Water of sg 1.025)	3.956	
LWL for Zero Penalty	7.276	
Difference	0.000	
<b>DISPLACEMENT PENALTY (add to L)</b>		<b>0.000</b>
<b>DRAUGHT (actual)</b>	1.583	
Maximum Draught for Zero Penalty	1.635	
Difference (if positive)	0.000	
<b>DRAUGHT PENALTY (add to Rating)</b>		<b>0.000</b>

## SAIL PLAN

Spinnaker boom Length	3.420		
	J= 3.420	I = 9.710	
	A= 12.315	B= 4.580	
Rated Mainsail Area	28.201		
Rated Foretriangle Area	14.113		
<b>TOTAL RATED SAIL AREA</b>	<b>42.315</b>	<b>√S</b>	<b>6.505</b>

## Flotation

Internal Ballast (include in WEIGHT)	0 Kg
Flotation checked satisfactory	

## Measurer's Notes

Boat not allowed any extra flotation and should float to her marks.

Date and place of Measurement	Coves - 26/27 August 2011	
Measurer's Name(s)	David Chivers	Signature

**Yacht's name : Nada**

**Date : 02-Aug-11**

