

# 6

## INTERNATIONAL SIX METRE CLASS

Yacht's Name BATTLECRY

National letters and Sail Number GBR 89 Club Royal Yacht Squadron

Designer Ian Howlett

Builder Webb Brothers, Hamb Building Year 1988

Owner Jeremy Thorp

Owner's Address [REDACTED]

### 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 2 August 2021

Measurer David Chivers

Valid until 2 August 2025

Supersedes July 2014 (enter former certif. number or date)

Signature [Signature]  
RYA Technical

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

Yacht's name : **BATTLECRY**

Date : **2 August 2021**

[Signature]

## RATING CALCULATION

<b>OVERALL LENGTH</b>		10.449	10.449
Overhang Forward to L1	1.215		
Overhang Aft to L1	1.602		
Subtract Total Overhang	2.817	-2.817	
<b>MEASURED LENGTH (L1 L1)</b>		7.632	
Girth at Bow	0.817		
Subtract Twice vertical Height at Bow	0.600		
O at Bow (min 0.180 m)	0.217		
Add 1 1/2 O at Bow		0.326	
Girth at Stern	2.109		
Subtract Twice vertical Height at Stern	1.134		
O at Stern	0.975		
Add 1/3 O at Stern		0.325	
Add any penalty at O2		0.000	
Add any Beam / Displacement Penalty		0.000	
Sum of Length and Girth Corrections		8.283	
<b>CORRECT LENGTH L</b>			8.283
Skin d to d1 Port	1.842		
Chain d to d1 Port	1.842		
d Port	0.000	0.000	
Skin d to d1 Starboard	1.850		
Chain d to d1 Starboard	1.850		
d Starboard	0.000	0.000	
Add d		0.000	
<b>GIRTHS Add 2d</b>		0.000	
Add to find sum of measurements		8.283	
			8.283
Mean Freeboard Bow O	Actual	0.827	0.827
Mean Freeboard Midship d	Actual	0.690	0.690
Mean Freeboard Stern O	Actual	0.657	0.657
Sum of Freeboards		2.174	
<b>Subtract (1/3) FREEBOARD, F</b>		0.725	
<b>Add SAIL AREAS (Square root)</b>		6.662	
		14.220	
<b>TOTAL OF MEASUREMENTS</b>			14.220
Calculated Rating		6.000	
Add any Tumblehome / Draught Penalty		0.000	
<b>RATING</b>			6.000

Date and Place of Measurement	2 August 2021, Swanwick Marina
Measurer's Name(s)	David Chivers

**Yacht's name : BATTLECRY**

**Date : 2 August 2021**



## PENALTIES

Length overall	10.449
Overhang Forward to L	1.493
Overhang Aft to L	1.892
Subtract from overall length	3.385
<b>WATERLINE LENGTH</b>	<b>7.064</b>

### BEAM

Beam at 1/3 of Midship Freeboard (actual)	1.830	
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>

### TUMBLEHOME

Tumblehome Max both sides. (2 x 2% of Extr. Beam)	0.083	
Extreme Beam	2.067	
Beam at deck	2.064	
Difference (if positive)	0.003	
<b>TUMBLEHOME PENALTY (add to Rating)</b>		<b>0.000</b>

### WEIGHT [ton] (actual including added ballast)

Minimum Displacement for Zero Penalty [m3]	3.960	
Minimum Weight for Zero Penalty [ton] (Water of sg 1.025)	3.817	
LWL for Zero Penalty	3.912	
Difference	7.096	
<b>DISPLACEMENT PENALTY (add to L)</b>	<b>0.000</b>	

### DRAUGHT (actual)

Maximum Draught for Zero Penalty	1.530	
Difference (if positive)	1.630	
<b>DRAUGHT PENALTY (add to Rating)</b>	<b>0.000</b>	

## SAIL PLAN

Spinnaker boom Length	3.422		
	J= 3.422	I = 9.720	
	A= 12.400	B= 4.878	
Rated Mainsail Area	30.244		
Rated Foretriangle Area	14.136		
<b>TOTAL RATED SAIL AREA</b>	<b>44.380</b>	<b>√S</b>	<b>6.662</b>

## Flotation

Water Salinity = 1.022  
 Freeboard allowance for reduced density = 3mm

## Measurer's Notes

**Internal ballast 70kgs (10kg bags x7)**

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