

International 2.4 mR Class

MEASUREMENT FORM

Sail Number USA 95

World Sailing plaque(ISAF)

599

Owner Brian Bell

Name of yacht Jameson

OVERALL LENGTH			4.181
Overhang Forward to L1	0.430		
Overhang Aft to L1			
Total Overhang	0.653		1.083
MEASURED LENGTH (L1-L1)			3.098
Girth at Bow	0.311		
Twice vertical height at Bow (Subtract)			
O at Bow (min 0.072)	0.240	0.071	
1 1/2 O at Bow (min 0.108 m)		0.107	
Girth at Stern	0.894		
Twice vertical height at Stern (Subtract)			
O at Stern (min 0.240)	0.508	0.386	
Add 1/3 O at Stern (min 0.080 m)		0.129	
Add any penalty at O2		0.000	0.237
Add any penalty (displ. and beam)			0.000
CORRECT LENGTH L			3.334
Skin d to d1 Port	0.733		
Chain d to d1 Port			
d Port	0.733	0.000	
Skin d to d1 Starboard	0.733		
Chain d to d1 Starboard			
d Starboard	0.733	0.000	
d = d Port + d Starboard		0.000	0.000
2 x d			3.334
Add to find sum of L + 2d			
Mean Freeboard Bow O	0.322		
Mean Freeboard Midship d	0.305		
Mean Freeboard Stern O			
Sum of Freeboards	0.290	0.917	
F=1/3 sum of freeboards		0.306	0.292
F, max 0.292			3.042
= L + 2d - F			
Penalty Displacement Rule D.7.2			
LWL	3.098		
Corr LWL			
Difference	2 x difference	3.098	0.000
Penalty Beam Rule D.7.3			
Beam	0.750		
Min beam			
Deficiency	4 x deficiency	0.720	-0.030
√S			2.654
TOTAL OF MEASUREMENTS L + 2d - F + √S			5.696
Total of measurements divided by 2.37			2.403
Penalty Draft Rule D.7.1			
Draft	0.986		
Max draft			
Excess	3 x excess	1.000	-0.014
Penalty Tumble home D.7.4			
Tumble home	0.000		
Max Tumble home			
Excess	3 x excess	0.015	-0.015
0.000			
FINAL RATING			2.403

Measurement form
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Overall Length

Overhang Forward to L

Overhang Aft to L

Total Overhang (Sum overhang forward and aft)

Waterline Length (Overall Length - Total Overhang)

Minimum measured cockpit frame over water level when ballasted and swamped

Boat weight recorded by weighing according to rule C.5.1

Boat weight including 35 kg ballast

Minimum weight by Rule D.7.2

 $(0.2 \times \text{LWL} + 0.06) \times 3 \times 1025$

if positive penalty

Ballast

	4.181
0.430	
0.653	
	1.083
	3.098
	0.050
	254kg
+35kg	289kg
0.000	322kg

Sail Dimensions

Outer point distance

Forestay height

Foretriangle base

P=	4.650
E =	1.960
I =	3.750
J =	1.560

Mast measurements checked

Height of mast datum point Rule C.8.2 (b) (2)

Boom measurements checked

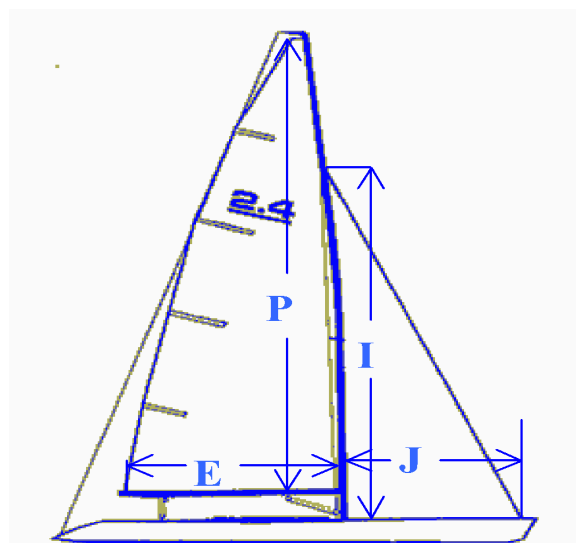
Rudder thickness, Rule E.4.3

ok

ok

ok

ok


Areas of Sails

 Mainsail $0.5 \times P \times E =$

 Foretriangle Total $0.5 \times I \times J$

 Foretriangle Total $\times 0.85 =$

Sail Area For Rating = S =

 \sqrt{S}

	4.557
2.925	
	2.486
	7.043
	2.654

Builder

Charger

Designer Norlin Mk III

When built

2007

Measured by

Andrew Parish

Date

3/26/2025

Signature