

International 2.4 metre Measurement Form

Sail Number USA 188

ISAF Plaque Number CT-19-047
1025

Owner TIM RIPLEY

Name of yacht

Overall length

4180

Overhang Forward to L1

+

Overhang Aft to L1

Total overhang

+

→ -1095

Measured length

3085

Girth at Bow

314

Twice Vertical Height at Bow

O at Bow

- 0,240 →

74

1½ O at Bow

+ 111

Girth at Stern

898

Twice Vertical Height at Stern

O at Stern

- 529 →

370

Add 1/3 O at Stern

+ 123

Add any penalty at O2

Sum of Girth difference

+ → + 234

Correct length, L

3319

Skin girth d to d1 Port

Chain girth d to d1 Port

d Port

-

→

+

Skin girth d to d1 Starboard

Chain girth d to d1 Starb,

d Starboard

-

→

+

d = d Port + d Starboard

2 x d

+

Add to find sum of L + 2d

Mean freeboard Bow O

+ 321

Mean freeboard Midships D

+ 300

Mean freeboard Stern

Sum of freeboards

+ 298 →

919

F=1/3 sum of freeboards

F, max 0.292

- 292

= L + 2d - F

3027

Penalty Displacement Rule D.7.2.

LWL

Corr LWL

Difference

2 x difference

-

→

+

Penalty Beam Rule D.7.3

Beam

Min beam

Deficiency

4 x deficiency

- 0,720 →

+

√S

+ 2655

Total of Measurements L + 2d - F + √S

5682

Divide by 2.37 = RATING =

2.397

Penalty Draft Rule D.7.1

Draft

Max draft

Excess

3 x excess

- 1,000 →

+

Penalty Tumble home D.7.4

Tumble home

Max Tumble home

Excess

3 x excess

- 0,015 →

+

FINAL RATING

2.4