

International 2.4 metre Measurement Form

Sail Number ... 151

ISAF Plaque Number ... 588

Owner ... Rick Noonan

Name of yacht

Overall length					4.182
Overhang Forward to L1				+ .418	
Overhang Aft to L1				+ .667	→ -1.085
Total overhang					
Measured length					3.097
Girth at Bow				312	
Twice Vertical Height at Bow		O at Bow		-0.240	→ .072
1½ O at Bow					+ .108
Girth at Stern				890	
Twice Vertical Height at Stern		O at Stern		-530	→ 360
Add 1/3 O at Stern					+ 120
Add any penalty at O2		Sum of Girth difference			+ → + 228
Correct length, L					3.325
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				+ 320	
Mean freeboard Midships D				+ 299	
Mean freeboard Stern		Sum of freeboards		+ 301	→ 920
F=1/3 sum of freeboards		F, max 0.292			- 292
= L + 2d - F					3.633
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					+ 2.854
Total of Measurements L + 2d - F + √S					5.687
Divide by 2.37 = RATING =					2.3995
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