International 2.4 metre Measurement Form

Sail Number ....   ISAF Plaque Number ...453...

Owner...   Name of yacht ....

Measurement					
Overall length					4.180
Overhang Forward to L1		+0.430			
Overhang Aft to L1	Total overhang	+0.655		→	-1.085
Measured length					3.095
Girth at Bow		0.312			
Twice Vertical Height at Bow	O at Bow	-0.240 →	0.072		
1½ O at Bow			+0.108		
Girth at Stern					
Twice Vertical Height at Stern	O at Stern	- →	0.369		
Add 1/3 O at Stern			+0.123		
Add any penalty at O2	Sum of Girth difference	+	→		+0.231
Correct length, L					3.326
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					3.326
Mean freeboard Bow O		+0.327			
Mean freeboard Midships D		+0.291			
Mean freeboard Stern	Sum of freeboards	+0.298 →	0.916		
F=1/3 sum of freeboards	F, max 0.292				-0.292
= L + 2d - F					3.034
Penalty Displacement Rule D.7.2.	LWL	—			
Corr LWL Difference	2 x difference	- →		+ —	
Penalty Beam Rule D.7.3	Beam	0.752			
Min beam Deficiency	4 x deficiency	-0.720 →		+ —	
√S					+2.564
Total of Measurements L + 2d - F + √S					5.688
Divide by 2.37 = RATING =					2.400
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					2.400

Other Measurements recorded by measurer

Overall Length		4,180
Overhang Forward to L	+0.547	
Overhang Aft to L	+0.655	
Total Overhang (Sum overhang forward and aft)	→	-1,202
Waterline Length (Overall Length - Total Overhang)		2.978
Minimum measured cockpit frame over water level when ballasted and swamped in accordance with rule C.5.2		0,050
Boat weight recorded by weighing according to rule C.5.1		261 Kg
Boat weight including 35 kg ballast		296 Kg
Minimum weight by Rule D.7.2 $(0.2 \times LWL + 0.06)^3 \times 1.025$		289 Kg

Sail Dimensions

$$P = 4.650$$
Outer point distance $\quad E = 1.960$
Forestay height $\qquad I = 3.750$
Foretriangle base $\qquad J = 1.560$

Mast measurements checked	OK
Height of mast datum point Rule C.8.2 (b) (2)	36
Boom measurements checked	OK
Rudder thickness, Rule E.4.3	35
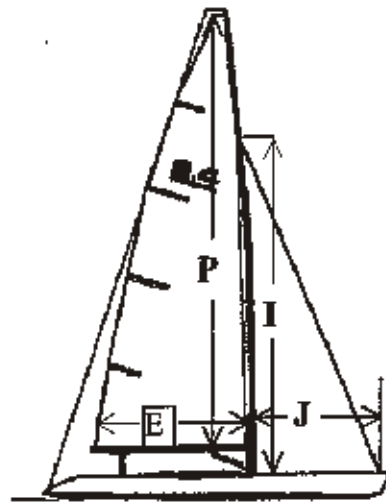
Areas of Sail

Mainsail $0.5 \times P \times E =$		4,557 m²
Foretriangle Total $0.5 \times I \times J =$	2.925 m²	
Foretriangle Total x 0.85		2.486 m²
Sail Area For Rating $= S =$		7.043 m²
$\sqrt{S}$		2.654

Builder..Vene- Björndahl.. Designer Peter Norlin Mark III When Built..2003

Measured by.....[signature]..... Esko Huttma UC-0019 Date of Measurement ...5.7.2004

Complementary measured by.................... Date of compl measurement................

Certificate issued by .... Date of issue...........................
name
CA ....
authority   signature