International 2.4 metre Measurement Form

Sail Number DEN 90 ~~ISAF~~ skandinavian Plaque Number 211

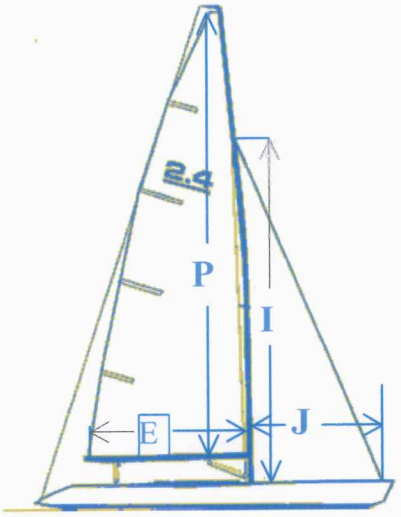
Owner ERIK SCHIBSBYE Name of yacht N.N.

Overall length				4.182
Overhang Forward to L1		+ 0.432		
Overhang Aft to L1	Total overhang	+ 0.655	→	-1.087
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		0.898		
Twice Vertical Height at Stern	O at Stern	-0.529 →	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			+ 0
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		0.305	-0.292
= L + 2d - F				3.034
Penalty Displacement Rule D.7.2.	LWL			
Corr LWL Difference	2 x difference	- →		+ 0
Penalty Beam Rule D.7.3	Beam			
Min beam Deficiency	4 x deficiency	- 0,720 →		+ 0
$\sqrt{S}$				+2,654
Total of Measurements L + 2d - F + $\sqrt{S}$				5,688
Divide by 2.37 = RATING =				2,400
Penalty Draft Rule D.7.1	Draft			
Max draft Excess	3 x excess	- 1,000 →		+ 0
Penalty Tumble home D.7.4	Tumble home			
Max Tumble home Excess	3 x excess	- 0,015 →		+ 0
FINAL RATING				2,400

Other Measurements recorded by measurer

Overall Length	4,182
Overhang Forward to L	+0,549
Overhang Aft to L	+0,655
Total Overhang (Sum overhang forward and aft)	→ -1,204
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	0,05
Boat weight recorded by weighing according to rule C.5.1	254 Kg
Boat weight including 35 kg ballast	289 Kg
Minimum weight by Rule D.7.2 $(0.2xLWL+0.06)^3 \times 1025$	289 Kg

Sail Dimensions



	P =	4,650
Outer point distance	E =	1,960
Forestay height	I =	3,750
Foretriangle base	J =	1,560

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

Areas of Sail

Mainsail 0.5 x P x E =	4,557 m^2
Foretriangle Total 0.5 x I x J =	2,925 m^2
Foretriangle Total x 0.85	2,486 m^2
Sail Area For Rating = S =	7,043 m^2
$\sqrt{S}$	2,654

Builder Bjorndahl Designer Peter Norlin When Built 1993

Measured by Erik Schlabye Date of Measurement 4/4-2004

Complementary measured by Erik Schlabye Date of compl measurement 20/4-07

Certificate issued by Erik Schlabye Date of issue 20/4-07

name

CA .....

authority

Erik Schlabye

signature