International 2.4 metre Measurement Form

Sail Number NOR. 120

ISAF Plaque Number 7.3.1....

Owner Bjørnar Eriksta	<u>d</u>	Name of yach	nt	
Overall length				4,181
Overhang Forward to L1		+0,430		
Overhang Aft to L1 Total	overhang	+0,659	, and	-1,089
Measured length				3,092
Girth at Bow		0.312		
Twice Vertical Height at Bow	O at Bow	- 0,240 →	0.072	
1½ O at Bow		to the second of	+0,108	
Girth at Stern		0,888		
Twice Vertical Height at Stern	O at Stern	-0,525	0,363	
Add 1/3 O at Stern			+0,121	
Add any penalty at O2 Sum of C	Girth difference		+ 0	+0,229
Correct length, L				3,321
Skin girth d to d1 Port		0,417		
Chain girth d to d1 Port	d Port	-0,417	+ 0	
Skin girth d to d1 Starboard		0,418		
Chain girth d to d1 Starb,	d Starboard	-0,418 ->	+ 0	
d = d Port + d Starboard	$2 \times d$			+ 0
Add to find sum of $L + 2d$				3,321
Mean freeboard Bow O		+0,326		
Mean freeboard Midships D		+0,296	1000	
Mindell at 0000000000000000000000000000000000	of freeboards	+0,298	0,920	
F=1/3 sum of freeboards	F, max 0.292		0,307	-0,292
= L + 2d - F	* ***			3,029
Penalty Displacement Rule D.7.2.		2,978		
Corr LWL Difference		-2,978->	0	+ 0
Penalty Beam Rule D.7.3	Beam	0.763		+ 0
Min beam Deficiency	4 x deficiency	-0,720	Ø	
√S = 1.24 E	\sqrt{c}	<u> </u>		+2,654
Total of Measurements L + 2d - F	+ 13			5,683 2,398
Divide by 2.37 = RATING =	Danst			12,378
Penalty Draft Rule D.7.1	Draft 3 x excess	- 1 000 ->		+ 0
Max draft Excess		-1,000 >		
Penalty Tumble home D.7.4		- 0,015 ->		+ 0
Max Tumble home Excess	3 X CXCC88	- 0,010		2,398
FINAL RATING				2,378

120

Other Measurements recorded by measurer

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 in accordance with rule C.5.2

Boat weight recorded by weighing according to rule C.5.1

Boat weight including 35 kg ballast

Minimum weight by Rule D.7.2 $(0.2xLWL+0.06)^3 \times 1025$

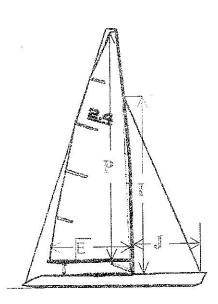
	4,181
+0,544	
+0,659	
→	-1,203
	2,978
	0.030
	254 Kg
	289 Kg
	289 Kg

Sail Dimensions

P = 4,650 Outer point distance E = 1.960I = 3.750Forestay height

Foretriangle base J = 1.560

Mast measurements checked	22/3-11
Height of mast datum point Rule C.8.2 (b) (2)	11
Boom measurements checked	11
Rudder thickness, Rule E.4.3	38 mm



Areas of Sail

Mainsail $0.5 \times P \times E =$

Foretriangle Total $0.5 \times I \times J =$

Foretriangle Total x 0.85

Sail Area For Rating = S =

VS

	4.557m ²
2,925 m ²	
	2,486 m ²
	7,043 m ²
	2,654

Builder Charger Composites Designer Peter Norlin When Built 2010

Measured by Harald Rolfsnes Date of Measurement 22/3-2011

Complementary measured by H. Polfsnes Date of complementary measurement 22/4-2015

Certificate issued by Havald Rolfsnes Date of issue 23/4-2015 CANOVS la 2,4m R Klubb authority

Karald Ralpansignature

Norsk 2.4mR Klubb