

File

International 2.4 metre Measurement Form

Sail Number **GER 75**

ISAF Plaque Number **493**

Owner *Segelclub Prien*

Name of yacht

Overall length					4180
Overhang Forward to L1				+ 0,43	
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				+ 0,322	
Mean freeboard Midships D				+ 0,291	
Mean freeboard Stern	Sum of freeboards			+ 0,248	→ 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

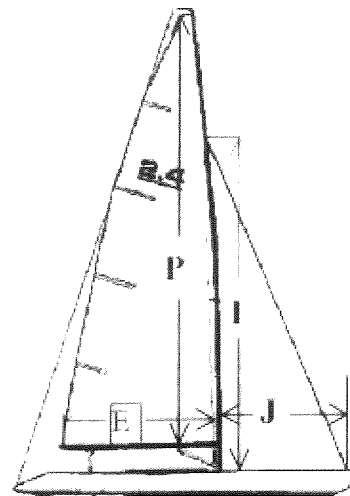
Other Measurements recorded by measurer

Overall Length
 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 $(0.2 \times LWL + 0.06)^3 \times 1.025$

	4,180
+ 0,547	
+ 0,655	
	→ - 1,202
	2,978
	0,000
	254 Kg
	289 Kg
	254 Kg

Sail Dimensions

Outer point distance $P = 4,65$
 Forestay height $E = 1,96$
 Foretriangle base $I = 3,75$
 $J = 1,56$



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	55

Areas of Sail

Mainsail $0.5 \times P \times E =$
 Foretriangle Total $0.5 \times I \times J =$
 Foretriangle Total $\times 0.85$
 Sail Area For Rating = $S = \frac{\sqrt{S}}$

	4,557 m ²
2,925 m ²	
	2,486 m ²
	7,043 m ²
	2,654

Builder Vene Brevin Designer NORLIN MK III When Built 06

Measured by Tom B. Pendergast Date of Measurement 15.6.06

Complementary measured by Date of compl measurement

Certificate issued by FYA 00574 Date of issue 10.3.2006

name
 CA

signature