

Manfred

International 2.4 metre Measurement Form

Sail Number **GER 74**

ISAF Plaque Number **494**

Owner **73 Segelclub Prien e.V. Chiemsee**

Name of yacht

Overall length
 Overhang Forward to L1
 Overhang Aft to L1 Total overhang
 Measured length
 Girth at Bow
 Twice Vertical Height at Bow O at Bow
 1½ O at Bow
 Girth at Stern
 Twice Vertical Height at Stern O at Stern
 Add 1/3 O at Stern
 Add any penalty at O2 Sum of Girth difference
 Correct length, L
 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 Port - d Starboard 2 x d
 Add to find sum of L + 2d
 Mean freeboard Bow O
 Mean freeboard Midships D
 Mean freeboard Stern Sum of freeboards
 F = 1/3 sum of freeboards F, max 0.292
 - L + 2d - F
 Penalty Displacement Rule D.7.2. L.WL
 Corr LWL Difference 2 x difference
 Penalty Beam Rule D.7.3 Beam
 Min beam Deficiency 4 x deficiency
 \sqrt{S}
 Total of Measurements L + 2d - F + \sqrt{S}
 Divide by 2.37 = RATING =
 Penalty Draft Rule D.7.1 Draft
 Max draft Excess 3 x excess
 Penalty Tumble home D.7.4 Tumble home
 Max Tumble home Excess 3 x excess
FINAL RATING

			4.18
	+ 0,43		
	+ 0,655	→	- 1,685
			3,095
	0,312		
	- 0,240	→	0,072
			+ 0,108
	-	→	0,369
			+ 0,123
		→	+ 0,231
			3,326
	-	→	+ -
	-	→	+ -
			+ -
			3,326
	+ 0,327		
	+ 0,291		
	+ 0,248	→	0,916
			- 0,292
			3,034
	-		
	-	→	+ -
	0,752		
	- 0,720	→	+ -
			+ 2,564
			5,688
			2,400
	- 1,000	→	+ -
	- 0,015	→	+ -
			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

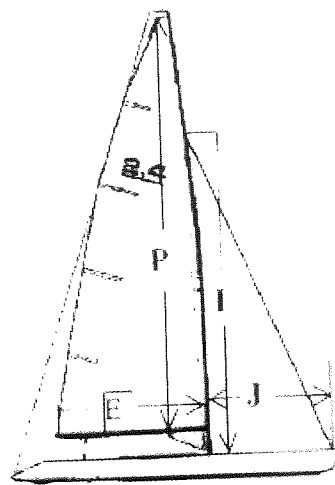
Minimum weight by Rule D.7.2 $(0.2 \times \text{LWL} \cdot 0.06)^3 \times 1.025$

	4,18
+ 0,547	
+ 0,635	
→	- 1,202
	2,978
	0,050
	254 Kg
	289 Kg
	254 Kg

Sail Dimensions

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

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	35



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 = $S =$

\sqrt{S}

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

Builder Vene BERODAL Designer PETER NORLIN When Built 2006

Measured by TOM BERODAL Date of Measurement 10.7.2006

Complementary measured by Date of compl measurement

Certificate issued by TYA 0054 Date of issue 15.3.2006

name

CA

authority

signature