International 2.4 metre Measurement Form

Sail Number ..GER-6.. ISAF Plaque Number ..00531..

Owner....Gud Neumann..... Name of yacht .....

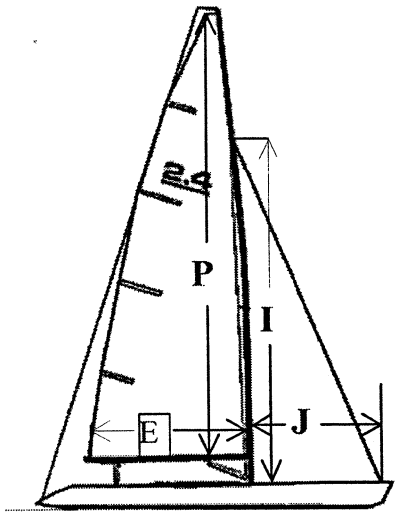
Overall length				4.180
Overhang Forward to L1			+ 0.430	
Overhang Aft to L1	Total overhang		+ 0.655	→ - 1.085
Measured length				
Girth at Bow			0.312	
Twice Vertical Height at Bow	O at Bow		- 0,240 →	0.072
1½ O at Bow				+ 0,108
Girth at Stern			0.898	
Twice Vertical Height at Stern	O at Stern		- 0.529 →	0.369
Add 1/3 O at Stern				+ 0.123
Add any penalty at O2	Sum of Girth difference			+ → + 3.326
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 = d Port + d Starboard		2 x d		+
Add to find sum of L + 2d				
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				
Penalty Displacement Rule D.7.2.		LWL		
Corr LWL	Difference	2 x difference	- →	+
Penalty Beam Rule D.7.3		Beam		
Min beam	Deficiency	4 x deficiency	- 0,720 →	+
√S				+ 2.654
Total of Measurements L + 2d - F + √S				5.688
Divide by 2.37 = RATING =				
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

Jens Hannemann
DSV-Vermesser
ISCYRA – Certified Measurer
Gudewerdtstraße 36
D-24340 Eckernförde

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	
Boat weight recorded by weighing according to rule C.5.1	260 Kg
Boat weight including 35 kg ballast	295 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	E =	1.960
Forestay height	I =	3.750
Foretriangle base	J =	1.560

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

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 G. Neumann Designer Nonin MK III When Built 2005

Measured by Jens Hannemann DSV-Vermesser ISCYRA – Certified Measurer Gudewerdtstraße 36 D-24340 Eckernförde Date of Measurement 22.08.2006

Complementary measured by ..... Date of compl measurement 22.08.2006

Certificate issued by ..... Date of issue.....

name

CA .....

authority

.....

signature