International 2.4metre Measurement Form

Name of Yacht... *Max* .... IYRU Plaque Number... 0124

Sail Number ... GER 100 ... Owner... DBS .....

Measurement			
Overall length		4.182	
Add Overhang Forward to L1	0.432		
Overhang Aft to L1	0.655		
Total Overhang	.	➡ + 1.082	
Measured Length (Overall length -Total Overhang)		3.095	
Girth at Bow	0.312		
Twice Vertical Height at Bow	0.240		
O at Bow	0.072		
Add 1½ O at Bow		0.108	
Subtract Girth at Stern	0.898		
Twice vertical Height at Stern	0.529		
O at stern	0.365		
Add 1/3 O at Stern		0.123	
Add any penalty at O2		.	
Correct length, L		.	➡ 3,326
Skin girth d to d1 Port	. —	.	
- Chain girth d to d1 Port	- .		
= Girth difference Port	.	➡ . —	
Skin girth d to d1 Starboard			
- Chain girth d to d1 Starboard	- .		
= Girth difference Starboard	.	➡ . —	
Add Girth difference Port and Starboard		. —	
2 x sum of Girth difference			. —
Add to find sum of L + 2d			. —
Add Mean freeboard Bow O	0.327		
Mean freeboard Midships D	+0.291		
Mean Freeboard Stern O & O2	+0.298		
	0.916		
Sum of Freeboards	.		
Subtract 1/3 sum Freeboard, F(max 0.292)		➡	- 0.292
= L+2d-F			3.034
$\sqrt{S}$			2.654
Total of Measurements L+2d-F+$\sqrt{S}$			5.688
Divide by 2.37 = 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 & aft)		➡ - 1.204
Waterline Length (Overall length - Total Overhang)		2.978
Beam at 1/3 Height of Midship Freeboard		2.750
Tumblehome		..
Minimum measured freeboard when ballasted and swamped in accordance with Rule 8.2		0.050
Weight recorded by weighing in measurer's presence (including 35kg ballast)		259 kg 85 kg Bents + 174 kg
		2.94
Minimum weight required by Rule $(0.2 \times LWL + 0.06)^3$		2.89 kg

Sail Dimensions

$A = 4.650$

$B = 1.960$

$I = 3.750$

$J = 1.560$
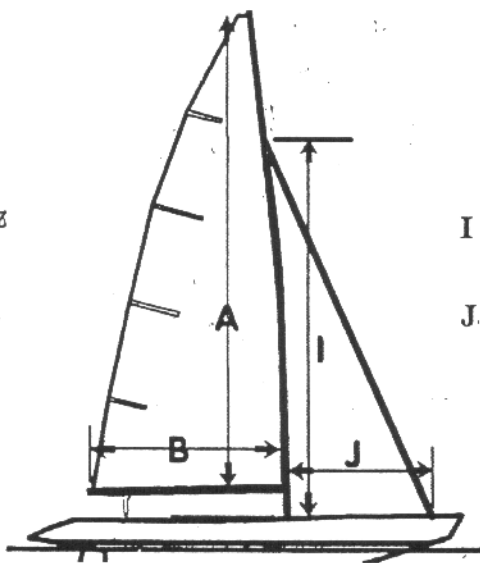
Areas of Sails

Mainsail $0.5 \times P \times E$		4.557 m²
Foretriangle Total $(0.5 \times I \times J) =$	2.925 m²	
Foretriangle Total $\times 0.85 =$		2.486 m²
Sail Area for Rating $= S =$		7.043 m²
$\sqrt{S}$		2.654

Builder................................ Designer...PETER NORLIN... When built:..........1992..........

Measured by.......................
ESLO HYYPPA
FYA LIC Nº 0019

Date of measurement.....11.1.1992.....