

## 2.4 METRE CLASS CERTIFICATE OF RATING

SAIL NUMBER GER 793  
~~GBR 28 AED 53~~

IYRU PLAQUE NUMBER 793

DESIGNER PETER NORLIN

BUILDER ENE-BJÖRND AHL

WHEN BUILT 1993

MEASURED BY STEFAN PYOTT (SWEDEN)

DATE MEASUREMENT COMPLETED 13 JULY 1993

DATE OF THIS CERTIFICATE 7 JUNE 1995

ISSUED BY THE ROYAL YACHTING ASSOCIATION

RATING 2.399

*M.A. Horne*  
TECHNICAL

### MEASUREMENTS

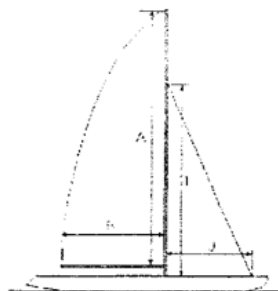
Overall Length		4.182	
Add (Overhang Forward to L1 (Overhang Aft to L1	0.432 0.655		
Subtract Total Overhang	1.087	-1.087	
Measured Length		3.095	
Subtract (Girth at Bow (Twice Vertical Height at Bow	0.312 0.240		
O at Bow	0.072		
Add 1 1/2 O at Bow		0.108	
Subtract (Girth at Stern (Twice Vertical Height at Stern	0.890 0.527		
O at Stern	0.363		
Add 1/3 O at Stern		0.121	
Add any penalty at O2		0.000	
<b>CORRECT LENGTH, L</b>		<b>3.324</b>	<b>3.324</b>
Subtract (Skin d to d1 Port (Chain d to d1 Port			
d Port	0.000	0.000	
Subtract (Skin d to d1 Starboard (Chain d to d1 Starboard			
d Starboard	0.000	0.000	
Add d		0.000	
2d			0.000
Add to find sum of measurements			3.324
Add (Mean Freeboard Bow O (Mean Freeboard Midships D (Mean Freeboard Stern O & O2	0.327 0.291 0.300		
Sum of Freeboards	0.918		
Subtract (1/3 sum) FREEBOARD, F (-max 0.292)			-0.292
√S			3.032
Total of Measurements			2.654
Divide by 2.37 = RATING =			5.686
			2.399

### OTHER MEASUREMENTS RECORDED BY MEASURER

Overall Length		4.182
Add	(Overhang Forward to L Overhang Aft to L)	0.549 0.655
	Subtract Total Overhang	1.204 1.204
Water Line Length		2.978
Beam at 1.3 Height of Midship Freeboard		0.720
Tumble Home		NIL
Minimum measured freeboard when ballasted and swamped in accordance with rule 8.2		FLOATED
Weight recorded by weighing in measurers presence		359.0 kg
Minimum Weight required by Rule		289.0 kg

### SAIL DIMENSIONS

A = 4.65  
B = 1.96



I = 3.75  
J = 1.56

### AREAS OF SAILS

Mainsail	=	4.557
Foretriangle Total	=	2.925
Foretriangle Total x 0.85	=	2.486
Sail Area for Rating	= S =	7.043
$\sqrt{S}$		2.654