


INTERNATIONAL 2.4 METRE CLASS

Rating Certificate

National Letters and Sail Number	SWE 298	
ISAF Plaque no.	SK312	
Designer	Peter Norlin	
Builder	Vene Björndahl	
Building Year	1992	
Owner	Svenska 2,4 mR förbundet	
Owners adress		

Supersedes former certificate, dated	2007-01-15	Swedish Sailing Federation
This certificate is dated	2008-06-25	
Validity confirmed by	<i>Kjell Martinsson</i>	
Measurer: Stefan Ryott	1995-05-03	
Complementary measurement: Håkan Kellner	2008-05-01	

Overall Length		4.179	
Add (Overhang Forward to L ₁)		0.424	
Add (Overhang Aft to L ₁)		0.660	
Subtract Total Overhang		1.084	1.084
Measured Length			3.095
Girth at Bow		0.312	
Subtract (Twice Vertical Height at Bow)		0.240	
0 at Bow		0.072	
Add 1,5*0 at Bow, (min 0.108)			0.108
Girth at Stern		0.890	
Subtract (Twice Vertical Height at Stern)		0.527	
0 at Stern		0.363	
Add 1/3 0 at Stern, minimum 0.080			0.121
Add any penalty at 0 ₂			
Correct length, L			3.324
Subtract (Skin d to d ₁ Port)		0.000	
Subtract (Chain d to d ₁ Port)		0.000	
d Port		0.000	
Subtract (Skin d to d ₁ Starboard)		0.000	
Subtract (Chain d to d ₁ Starboard)		0.000	
d Starboard		0.000	
Add d			0.000
2d			0.000
Add to find sum of measurements			3.324
Add (Mean Freeboard Bow 0)		0.327	
Add (Mean Freeboard Midship D)		0.291	
Add (Mean Freeboard Stern 0 and 0 ₂)		0.300	
Sum of Freeboards		0.918	
Subtract (1/3 sum) FREEBOARD, F, max	0.292		0.292
			3.032
Beam penalty			0.000
Tumblehome penalty			0.000
\sqrt{S}			2.654
Total of Measurements			5.686
Divide by 2.37 = RATING =			2.399
Displacement penalty			0.000
Draft penalty			0.000
Final Rating			2.399

National Letters and Sail Number	SWE 298
ISAF Plaque no.	SK312
This certificate is dated	2008-06-25
Overall Length	4.179
Add (Overhang Forward to L	0.541
(Overhang Aft to L	0.660
Subtract Total Overhang	<u>1.201</u>
Water Line Length	2.978
Beam at 1/3 Height of Midship Freebord	0.000
Maximum draft	0.000
Tumble Home	0.000
Weight by weighing	<u>255 kg</u>
with 35 kg ballast	<u>290 kg</u>
Minimum weight required by Rule	<u>289 kg</u>

Areas of Sails	I = 3.750
	J = 1.560
	P = 4.650
	E = 1.960
Mainsail =	4.557
Foretriangle Total =	2.925
Foretriangle Total x 0.85 =	<u>2.486</u>
Sail Area for Rating = S =	<u>7.043</u>
\sqrt{S}	2.654

If in doubt, the Certificate can be checked against the official website: www.ssf.se/tk/24/cert24.asp