

INTERNATIONAL 2.4 METRE CLASS

Rating Certificate

National Letters and Sail Number	SWE 439
ISAF Plaque no.	613
Designer	Carl Ossiansson
Builder	Carl Ossiansson
Building Year	2007
Owner	Carl Ossiansson
Owners adress	Nedergårdsgatan 16 416 54 Göteborg

Supersedes former certificate, dated

This certificate is dated

2007-08-22

Validity confirmed by

Kjell Martinsson

Measurer: Per Lindell

2007-08-02

Complementary measurement:

Swedish Sailing Federation



Stamp of Authority

Overall Length		4.239	
Add (Overhang Forward to L ₁)		0.277	
Add (Overhang Aft to L ₁)		0.874	
Subtract Total Overhang		1.151	1.151
Measured Length			3.088
Girth at Bow		0.289	
Subtract (Twice Vertical Height at Bow)		0.240	
0 at Bow		0.049	
Add 1,5*0 at Bow, (min 0.108)			0.108
Girth at Stern		0.966	
Subtract (Twice Vertical Height at Stern)		0.574	
0 at Stern		0.392	
Add 1/3 0 at Stern, minimum 0.080			0.131
Add any penalty at 0 ₂			
Correct length, L		3.327	3.327
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			3.327
Add (Mean Freeboard Bow 0)		0.356	
Add (Mean Freeboard Midship D)		0.330	
Add (Mean Freeboard Stern 0 and 0 ₂)		0.303	
Sum of Freeboards		0.989	
Subtract (1/3 sum) FREEBOARD, F, max	0.292		0.292
			3.035
Beam penalty			0.000
Tumblehome penalty			0.000
\sqrt{S}			2.654
Total of Measurements			5.689
Divide by 2.37 = RATING =			2.400
Displacement penalty			0.000
Draft penalty			0.000
Final Rating			2.400

National Letters and Sail Number	SWE 439
ISAF Plaque no.	613
This certificate is dated	2007-08-22

Overall Length		4.239
Add (Overhang Forward to L	0.375	
(Overhang Aft to L	0.874	
Subtract Total Overhang	<u>1.249</u>	
Water Line Length		2.990
Beam at 1/3 Height of Midship Freebord		0.000
Maximum draft		0.000
Tumble Home		0.000
Weight by weighing		<u>263</u> kg
with 35 kg ballast		<u>298</u> kg
Minimum weight required by Rule		<u>292</u> kg

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