

INTERNATIONAL SIX METRE CERTIFICATE OF RATING

NOTES:

Yacht	CARESSE	Designer	Zake Westin
Sailnumber	FIN 2	Builder	Åbo Båtvarf
Club	NJK		
Owner	Jan Blomqvist	Build year	1922
Address			

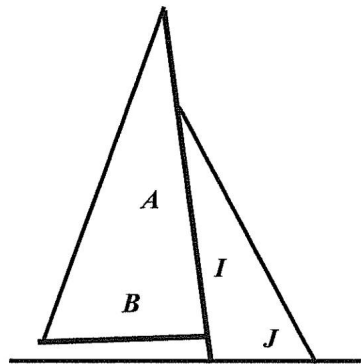
MEASUREMENTS & CALCULATIONS

Overall Length		11,270	
Add (Overhang Forward to L1)	1,494		
(Overhang Aft to L1)	1,928		
Subtract Total Overhang		3,422	
Measured Length		7,848	
Subtract (Girth at Bow)	0,814		
(Twice Vertical Height at Bow)	0,600		
O at Bow	0,201		
Add 1/2 O at Bow		0,302	
Subtract (Girth at Stern)	1,975		
(Twice Vertical Height at Stern)	1,140		
O at Stern	0,835		
Add 1/3 O at Stern		0,278	
Add any penalty at O2			
CORRECT LENGTH, L			8,428
Subtract (Skin d to d1 Port)	1,838		
(Chain d to d1 Port)	1,835		
d Port		0,003	
Subtract (Skin d to d1 Starboard)	1,838		
(Chain d to d1 Starboard)	1,835		
d Starboard		0,003	
Add d		0,006	
2 d			0,012
Add to find sum of measurements			8,440
Add (Mean Freeboard Bow O)	0,832		
(Mean Freeboard Midship D)	0,695		
(Mean Freeboard Stern O and O2)	0,658		
Sum Of Freeboards	2,185		
Subtract (1/3 sum) FREEBOARD, F (max 0,730)		0,728	0,728
sqrt S			6,505
Total of Measurements (L+2d-F+SQRT(S))			14,217
Divide by 2.37			5,9986
RATING with Penalties added if any (6mR = Less than 6,00049)			5,9986

OTHER MEASUREMENTS TO BE RECORDED BY MEASURER:

Overall Length		11,270
Add	(Overhang Forward to L)	1,779
	(Overhang Aft to L)	2,237
Subtract Total Overhang		4,016
Waterline Length		7,254
Minimum Weight ((0,2*LWL+0,15)exp3)*1,025		4,205
Measured Weight	Date of Weighing:	4,218
Weight Penalty to be added to "L" (2*(LWL-Corresp.LWL))		0,000
Maximum Draught (16%*Waterline Length + 0.500)		1,661
Measured Draught		1,620
Draught Penalty to be added to Rating (3*Draught excess)		0,000
Minimum Beam (Apply yachts laid down after 9/1937)		1,836
Measured Beam Extreme		1,836
Beam Penalty to be added to "L" (4*Beam deficiency)		0,000
Maximum Tumble Home (4%*Beam Extreme, apply yachts laid down after 9/1937)		0,073
Measured Tumble Home		0,068
Tumble Home Penalty to be added to Rating (3*Tumble Home excess)		

SAIL DIAGRAM:



A=	12,030
B=	4,890
I=	9,700
J=	3,130

**MAXIMUM SAILMEASURES
IF ONE MEASURE IS CHANGED
FOR RATING 6,00049**

AREAS OF SAILS				change
Mainsail	A	12,030		
	B	4,890		
Mainsail total		29,413		
Foretriangle	I	9,700		
	J	3,130		
Foretriangle total		15,181		
Foretriangle total * 0,85		12,903		
Sail Area for Rating =	S=	42,317		
SQRT of S		6,505		
			max	12,054 0,024
			or max	4,900 0,010
			max	29,472 0,059
			not more	9,750 0,050
			or max	3,144 0,014
			max	15,250 0,069
			max	12,962 0,059
			max	42,376 0,059
			max	6,510 0,005

When all measurements are complete the official measurer shall forward a copy of the same, to the National Authority, which shall issue the certificate of rating.

6.6.2006 Loviisa

Date and place



1. Measurers signature Atlan Savolainen

Date and place

National Authority

2. Measurers signature

Pasi Kaarto

