

Eignerwechsel

Klasse 5.5 m
 Série

Segel-Nr. SUI-193
 No de voile

bisheriger Bootsname Alibaba
 ancien nom du yacht

neuer Bootsname NINA
 nouveau nom du yacht

Baujahr 1995
 Année de constr.

Bauwert Steinmayer
 Chantier

Nur gültig mit Registrierstempel der USY
 Valable seulement avec timbre d'enregistrement de l'USY

Changement de propriétaire

Neuer Eigner
 Nouveau propriétaire Meinz Saurer

Name
 Nom

Club Thunersee Yacht Club TYC

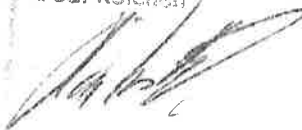
Adresse Weingartenstrasse 23

3652 Hilterfingen

Datum 16.11.99
 Date

Der Vermesser B. Reichen
 Le jaugeur

USY-Vermesser 08
 Beat Reichen






INTERNATIONAL
YACHT RACING
UNION

INTERNATIONAL FIVE POINT FIVE METRE CLASS

MEASUREMENT FORM AND CERTIFICATE OF RATING

Yacht's Name: Alfa Baba Sail Number: S117 193
 Owner: B. Moragge Owner's Club: TYC
 Designer: S. Schmidt Date Completed: 10.5.95
 IYRU Plaque No:

Has designer's or builder's declaration been supplied: YES / NO (Delete whichever is applicable)

Condition of water when marks were sighted: fresh (State fresh or salt)
 Difference in immersion (Class Rule 23): 0.006 (metres)

Classification Society: Bureau Veritas
 Expiration date of Classification Certificate: n/a

Measurements or partial re-measurements by National Authority Measurer, signature and date and

Signature	Date	Item No
<u>[Signature]</u>	<u>10.5.95</u>	<u>1-62</u>
.....
.....

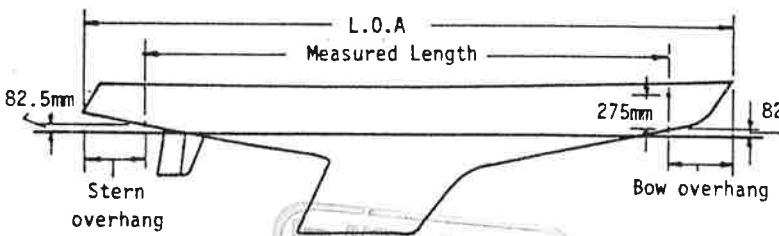
Expiration date of Certificate of Rating: 9.5.97
 Re-Rated:

I certify that the measurements entered on this certificate have been properly taken and that to the best of my knowledge and belief the boat complies with the Rules of the International 5.5 Metre Class.

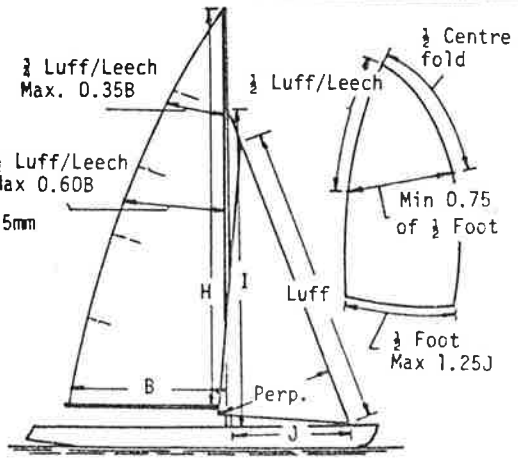
Signature of Measurer: [Signature] **USY - Verm. O. Weber**
 Signature of designer or builder: [Signature] **CH - 8802 Kilchberg/ZH**
 Signature of owner or representative: [Signature]
 Certificate authorised by: Date:
 For:
 (enter name of National Authority)

Im USY - Register
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Item No	Rule No	Measurement	Min	Actual	Max
1	23(e)	HULL Immersion checked in salt/fresh water (Date)		10.5.05 fresh.	
2	13	Weight of inside ballast placed at <u>centre</u>		68 kg	
3	5	Beam	1.90m	1,904	
4	2	Max. Draft		1,347	1.35m
5	4	Freeboard at bow girth station		0,741	
6	4	Freeboard at stern girth station		0,524	
7	4	Freeboard at midship mark		0,633	
8	4	Freeboard average (Item (5+6+7)+3)	0.628m	0,633	
9	14(iii)	Keel and ballast materials (lead or iron)		lead	
10	14(iv)	Keel height of round at bottom	75mm	nil	
11	14(iv)	Maximum section width down to 1m from LWL	150mm	0,150	
12	8	Stern angle	1 in 5.5 = 9/22	0,212	
13	9	Round of beams		3 mm in 300	7mm in 305mm
14	10	Tumblehome		0.9ix	
15	10	2% of max. beam		0,038	
16	10	Excess tumblehome (Item 14-15)		nil	
17	11	Area of deck openings		2,15	2.25m ²
18	12	Cockpit forward of L1 mark	1.75m	2,505	
19	11	Breadth of side decks	35cm	≥ 0,350	



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Item No	Rule No	Measurement	Min	Actual	Max
20	16	SAILS AND RIGGING Height of sailplan above covering board level		11.100	11.10m
21	18	Height of boom (black band) above covering board level	0.5m	0.720	0.85m
22	17	Height of fore triangle above covering board level (I)		8.880	8.88m
23	16	Base of fore triangle (J) (Deck black band to be checked)		2688	0.50 x \sqrt{S}
24	16	Min. Headsail for measurement purposes = 0.5 x I x J x 80%		9.518	
25	19	Spinnaker, halliard above forestay		0.090	10cm
26	19	Spinnaker halliard out from mast		0.025	3cm
27	19	Spinnaker breadth of half the foot		3.360	1.25 x J
28	19	Storm spinnaker, breadth of half the foot		2.688	J
29	20	Spinnaker boom length		2.688	J
30	21	Mast diameter at 1/2 ht. of fore triangle, round mast	11.5cm	137/104	
31	21	Mast diameter at deck, round mast	10.9cm	137/104	
32	21	Mast diameter at jib halliards, round mast	9.2cm	113/83	
33	21	Mast diameter at top, round mast	5.8cm	76/55	
		(The athwartships diameter of oval masts may be reduced by 10% of the above, but the sectional areas shall not be less)			
34	21	Tip weight of mast	16kgs	18 kg.	
35	22	Boom depth		6.11	15.2cm
36	22	Boom width	3.8cm	0.076	
		MISCELLANEOUS			
37	29	Weight of anchor	11kgs	12 kg.	13kgs
38	29	Length of warp (min. diameter 9mm)	30m	30 m	
39	23	Top of I marks above water with yacht in racing trim		16	

Item No	Rule No	Measurement	Min	Actual	Max
LENGTH L FOR RATING					
40	3	Overall length LOA		8,793	
41	3	Bow Overhang L ₁		0,676	
42	3	Stern Overhang L ₁		0,796	
43	3	Total Overhang (Item 41+42)		1,470	
44	3	Measured Length L ₁ (Item 40-43)		7,323	
45	3	Girth at bow		0,714	
46	3	Twice Vertical height at bow (= 0.55m)		0,170	
47	3	Bow girth difference (Item 45-46)	165mm	0,165 = min	
48	3	Girth at stern		1,191	
49	3	Twice vertical height at stern		0,882	
50	3	Stern girth difference (Item 48-49)		0,713	
51	3	1/3 stern girth difference (50 divided by 3)	234mm	0,238	
52	3	Length L for rating formula (Item 44+47+51)		7,726	
SAIL AREA FOR RATING					
53	17	Largest headsail = 0.5 x _____ (luff) x _____ (perp)	Item 24	9,849	
54	18	Mainsail = 0.5 x <u>2,380</u> (H) x <u>5,696</u> (B)		17,157	
55	2	Total sail area S (53+54)	26.5m ²	27,000	29.0m ²
56		\sqrt{S}		5,335	
DISPLACEMENT					
57	13	Weight of yacht (date when weighed) _____		1,910	
58	13	Displacement D = weight ÷ 1025.21kg/m ³	1.7m ³	1,861	2.0m ³
59	13	$\sqrt[3]{D}$		1,230	
RATING					
60	2	Rating calculated according to formula		5,457	
61	10	3 x tumblehome excess (add to Item 60 for final rating)		141	
62	2	FINAL RATING		5,457	