

Eignerwechsel

Changement de propriétaire

Klasse 5.5
 Série

Segel-Nr. SUI 199
 No de voile

bisheriger Bootsname ALI RARA
 ancien nom du yacht

neuer Bootsname RANA
 nouveau nom du yacht

Baujahr 1996
 Année de constr.

Bauwert Bauwerft J. Steinmayer
 Chantier

Neuer Eigner
 Nouveau propriétaire Felix Ribus-Waser

Name Felix Ribus-Waser
 Nom

Club Davos Segelclub

Adresse Seeweg 24

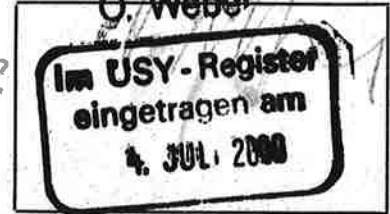
8852 Altendorf

Datum USY
 Date

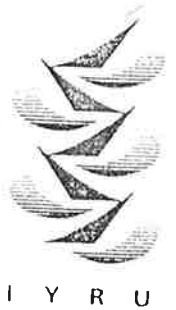
Der Vermesser Vermesser 25
 Le jaugeur O. Weber

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

gültig bis 18.6.2002



INTERNATIONAL FIVE POINT FIVE METRE CLASS



MEASUREMENT FORM AND CERTIFICATE OF RATING

Yacht's Name: ALI BABA Sail Number: SUI 199
Owner: B. Marazzi Owner's Club: Thunersee Yachtclub
Designer: S. Schmid Date Completed: 20. 6. 1996
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)

Date of Classification Certificate (Building Form): 20. 6. 96
Surveyor's Name: Urs Mörgele, Oskar Heber

Measurements or partial re-measurements by National Authority Measurer, signature and date and Item No:

Signature	Date	Item No
.....
.....
.....

Expiration date of Certificate of Rating: 19. 6. 98
Re-Rated:

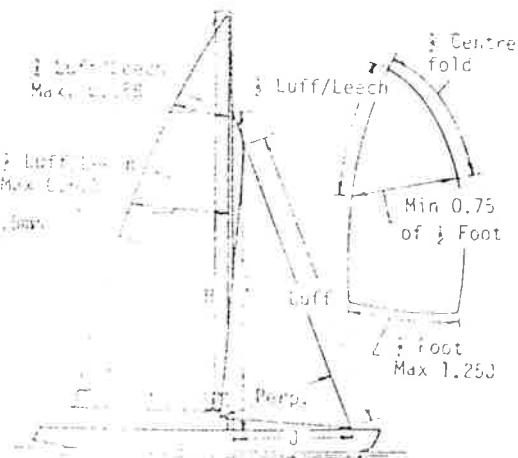
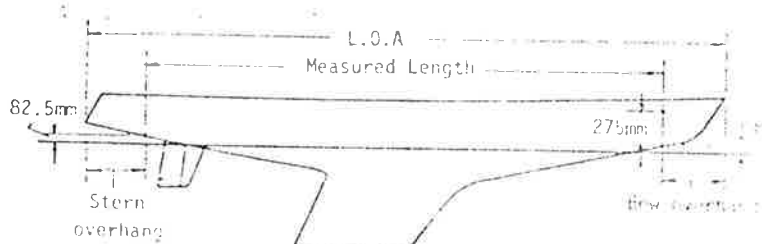
I certify that the measurements entered on this certificate have been properly taken and that to the best of my knowledge and belief the boat complies with the Rules of the International 5.5 Metre Class.

OFFICIAL MEASURER
URS MÖRGELE
SUI N° 16

Signature of Measurer: [Signature]
Signature of designer or builder: [Signature]
Signature of owner or representative: [Signature]
Certificate authorised by: Date:
For:
(enter name of National Authority)

**Im USY-Register
eingetragen am
28. JUNI 1996**

Item No.	Rule No.	Measurement	Min	Actual	Max
1	23(e)	HULL Immersion checked in sea /fresh water (Date)		15.6.96	
2	13	Weight of inside ballast placed at <i>achter Mast</i>		85	75kg
3	5	Beam	1.90m	1.928	
4	2	Max. Draft		1.347	1.35m
5	4	Freeboard at bow girth station		0.747	
6	4	Freeboard at stern girth station		0.529	
7	4	Freeboard at midship mark		0.627	
	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	150	
12	8	Stern angle	1 in 5.5	0,22	
13	9	Round of beams		3	7mm in 305mm
14	10	Tumblehome		3 P	
15	10	2/3 of max. beam		38	
16	10	Excess tumblehome (Item 14-15)		nil	
17	11	Area of deck openings		2,19	2.25m ²
18	12	Cockpit forward of L1 mark	1.25m	2,513	
	11	Breadth of side decks	35cm	35	



BY DSY- beaufort
 angebracht am
 28. JUNI 1996

Item No.	Rule No.	Measurement	Min	Actual	Max
20	16	SAILS AND RIGGING Height of sailplan above covering board level		<i>11.10</i>	11.10m
21	18	Height of boom (black band) av=bive covering board level	0.5m	<i>0.72</i>	0.85m
22	17	Height of fore triangle above covering board level (I)		<i>8.88</i>	8.88m
23	16	Base of fore triangle (J) (Deck black band to be checked)		<i>2.681</i>	0.50 x S
24	16	Min. Headsail for measurement purposes = 0.5 x I x J x 80%		<i>9.523</i>	
25	19	Spinnaker, halliard above forestay		<i>< 10</i>	10cm
26	19	Spinnaker halliard out from mast		<i>< 3</i>	3cm
27	19	Spinnaker breadth of half the foot		<i>3.351</i>	1.25 x J
28	19	Storm spinnaker, breadth of half the foot		<i>2.681</i>	J
29	20	Spinnaker boom length		<i>2.681</i>	J
30	21	Mast fore and aft dimension at spreaders	125cm	<i>137</i>	
31	21	Mast athwartships width at spreaders	75cm	<i>104</i>	
32	21	Tip weight of mast	16kgs	<i>18</i>	
33	22	Boom depth		<i>11,5</i>	15.2cm
34	22	Boom width	3.8cm	<i>7,6</i>	
35	29	MISCELLANEOUS Weight of Anchor	11kgs	<i>12</i>	13kgs
36	29	Length of warp (min. diameter 9mm)	30cm	<i>30</i>	
37	23	Top of I marks above water with yacht in racing trim		<i>o.k.</i>	
38	15.7(a)	Weight of keel - take from Building Form		<i>< 1328</i>	70% yacht weight
39	15.7(c)	Weight of rudder	10kgs	<i>7,6</i>	

**Im USY-Register
eingetragen am
28. JUNI 1996**

Item No	Rule No	Measurement	Min	Actual	Max
40	3	LENGTH L FOR RATING Overall length LOA		9,002	
41	3	Bow Overhang L ₁		0,791	
42	3	Stern Overhang L ₂		0,847	
43	3	Total Overhang (Item 41 + 42)		1,638	
44	3	Measured Length L ₁ (Item 40-43)		7,364	
45	3	Girth at bow		712	
46	3	Twice Vertical height at bow (=0.55m)		55	
47	3	Bow girth difference (Item 45-46)	165mm	165	
48	3	Girth at stern		1632	
49	3	Twice vertical height at stern		893	
50	3	Stern girth difference (Item 48-49)		739	
51	3	1/3 stern girth difference (50 divided by 3)	234mm	246	
52	3	Length L for rating formula (Item 44 + 47 + 51)		7,775	
53	17	SAIL AREA FOR RATING Largest headsail = 0.5 x _____ (luff) x _____ (perp)	Item 24	9,573	
54	18	Mainsail = 0.5 x 10.38(H) x 3.69(B)		19,151	
55	2	Total sail area S (53 + 54)	20,5m ²	28,724	29.0m ²
56		\sqrt{S}		5,362	5,359
57	13	DISPLACEMENT Weight of yacht (date when weighed) 15.6.96		1898	
58	13	Displacement D = weight/1025.21kg/m ³	1.7/m ³	1852	2.0m ³
59	13	$\sqrt[3]{D}$		1,228	
60	2	RATING Rating calculated according to formula		5,501	
61	10	3 x tumblehome excess (add to Item 60 for final rating)		nil	
62	2	FINAL RATING		5.5	

