

Eignerwechsel

Klasse 5,5 m 1C
 Série
 Segel-Nr. SUI-145
 No de voile
 bisheriger Bootsname Reliance
 ancien nom du yacht
 neuer Bootsname
 nouveau nom du yacht
 Baujahr 1983
 Année de constr.
 Bauwerft Egger St. Aubin
 Chantier

Changement de propriétaire

Neuer Eigner
 Nouveau propriétaire 5,5m JT Syndikat
 Name
 Nom
 Club Regattacclub Oberhofen RLO
 Adresse Ch Rico Gregorini

 Datum 10/04/95
 Date
 Der Vermesser M. J. J.
 Le jaugeur

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

USY-Vermesser 08
 Beat Reichen

Im USY-Register
 eingetragen am
 20. APR. 1995

Nº 500

U.S.Y.

UNION SCHWEIZ. YACHTCLUBS
 UNION SUISSE DU YACHTING

SCHWEIZ. LANDESVERBAND
 AUTORITÉ NATIONALE

Die Gültigkeitsdauer des Messbriefs der Yacht
 La validité du certificat de jauge du yacht

Name: Reliance
 Nom:

Rennnummer: SUI-145
 No de course:

verlängert bis 10.4.97
 est prolongé jusqu'au

Taxe: Fr. 2.—

Der Vermesser:
 Le jaugeur: M. J. J.

USY-Vermesser 08
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Im USY-Register
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INTERNATIONAL FIVE POINT FIVE METRE CLASS

MEASUREMENT FORM AND CERTIFICATE OF RATING

Yacht's Name: WARRIOR IV Sail Number: US 88
Owner: P.A. CASSELS Owner's Club: BAHIA CORINTHIAN YC
Designer: BEN LEXEN Date Completed: JUNE 83
IRU Plaque No:

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

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 PARIS
Expiration date of Classification Certificate: SEPTEMBER 1983

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

Signature	Date	Item No
<u>[Signature]</u>	<u>10/04/95</u>	<u>34/35/36/53/54/41</u>
.....		
.....		

Expiration date of Certificate of Rating: 10/04/95
Re-Rated: 10/04/95

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.

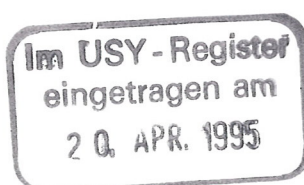
Signature of Measurer: [Signature]

Signature of designer or builder:

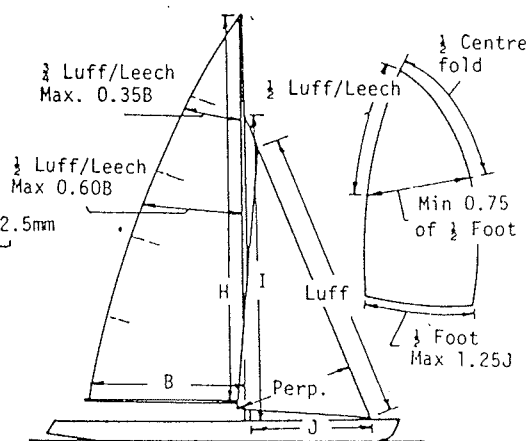
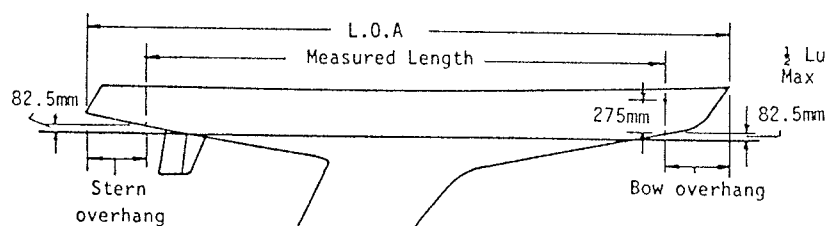
Signature of owner or representative: [Signature]

Certificate authorised by: [Signature] Date: 20.4.95

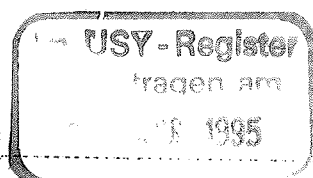
For: Schweizerischer Segelverband USY
(enter name of National Authority)



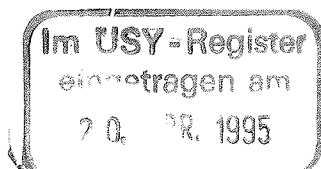
Item No	Item No	Measurement	Min	Actual	Max
1	23(e)	HULL Immersion checked in salt/fresh water (Date) <u>28/06/83</u>			
2	13	Weight of inside ballast placed at <u>none</u>		<u>none</u>	
3	5	Beam	1.90m	<u>1.909</u>	
4	2	Max. Draft		<u>1.35</u>	1.35m
5	4	Freeboard at bow girth station		<u>.773</u>	
6	4	Freeboard at stern girth station		<u>.533</u>	
7	4	Freeboard at midship mark		<u>.637</u>	
8	4	Freeboard average (Item 5+6+7)	6.28m	<u>.646</u>	
9	14(iii)	Keel and ballast materials (lead or iron)		<u>lead</u>	
10	14(iv)	Keel height of round at bottom	75mm	<u>5</u>	
11	14(iv)	Maximum section width down to 1m from LWL	150mm	<u>152</u>	
12	8	Stern angle <u>1:5.5 $\hat{=}$ 0.182</u>	1 in 5.5	<u>0.191</u>	
13	9	Round of beams		<u>nil</u>	7mm in 305mm
14	10	Tumblehome		<u>nil</u>	
15		Deduct 2% of max. beam		<u>-</u>	
16	10	Excess tumblehome (Item 16-15)		<u>-</u>	
17	11	Area of deck openings		<u>2.20</u>	2.25m ²
18	12	Cockpit forward of L1 mark	1.75m	<u>2.075</u>	
19	11	Breadth of side decks	35cm	<u>35.3</u>	



USY-Vorstander Dr.
Beate Pöcher



	Rule No	Measurement	Min	Actual	Max
	16	SAILS AND RIGGING Height of sailplan above covering board level		11,10	11.10m
	18	Height of boom (black band) above covering board level	0.5m	0,85	0.85m
	17	Height of fore triangle above covering board level (I)		8,880	8.88m
	16	Base of fore triangle (J) (Deck black band to be checked)		2,692	0.50 x $\sqrt{S}$
	16	Min. Headsail for measurement purposes = 0.5 x I x J x 80%		9,569	
	19	Spinnaker, halliard above forestay		10	10cm
	19	Spinnaker halliard out from mast		2,5	3cm
	19	Spinnaker breadth of half the foot		3,365	1.25 x J
	19	Storm spinnaker, breadth of half the foot		2,692	J
	20	Spinnaker boom length		2,692	J
	21	Mast diameter at ½ ht. of fore triangle, round mast	11.5cm	104 x 126	
	21	Mast diameter at deck, round mast	10.9cm	104 x 126	
	21	Mast diameter at jib halliards, round mast	9.2cm	100 x 126	
	21	Mast diameter at top, round mast	5.8cm	70 x 76	
		(The athwartships diameter of oval masts may be reduced by 10% of the above, but the sectional areas shall not be less)			
	21	Tip weight of mast	16kgs	20 kg	
	22	Boom depth		11,4	15.2cm
	22	Boom width	3.8cm	7,4	
		MISCELLANEOUS			
	29	Weight of anchor	11kgs	12	13kgs
	29	Length of warp (min. diameter 9mm)	30m	✓	
	23	Top of I marks above water with yacht in racing trim			



Item No	Rule No	Measurement	Min	Actual	Max
		LENGTH L FOR RATING			
40	3	Overall length LOA		9062	
41	3	Bow Overhang L ₁		863	
42	3	Stern Overhang L ₁		1080	
43	3	Total Overhang (Item 41+42)		1943	
44	3	Measured Length L ₁ (Item 40-43)		7119	
45	3	Girth at bow		667	
46	3	Twice Vertical height at bow (= 0.55m)		550	
47	3	Bow girth difference (Item 45-46) 118	165mm	165	
48	3	Girth at stern		1736	
49	3	Twice vertical height at stern		900	
50	3	Stern girth difference (Item 48-49)		836	
51	3	1/3 stern girth difference (50 divided by 3)	234mm	279	
52	3	Length L for rating formula (Item 44+47+51)		7563	
		SAIL AREA FOR RATING			
53	17	Largest headsail = 0.5 x <u>8.213</u> (luff) x <u>2.33</u> (perp)	Item 24	9.569	
54	18	Mainsail = 0.5 x <u>10.25</u> (H) x <u>3.791</u> (B)		19.431	
55	2	Total sail area S (53+54)	26.5m ²	29.0	29.0m ²
56		$\sqrt{S}$		5.385	
		DISPLACEMENT			
57	13	Weight of yacht (date when weighed) <u>29/06/83</u>		1745	
58	13	Displacement D = weight ÷ 1025.21kg/m ³	1.7m ³	1.702	2.0m ³
59	13	$\sqrt[3]{D}$		1.194	
		RATING			
60	2	Rating calculated according to formula		5.472	
61	10	3 x tumblehome excess (add to Item 60 for final rating)		—	
62	2	FINAL RATING		5.472	

