

SCHWEIZERISCHER YACHTCLUBS

UNION SUISSE DU YACHTING

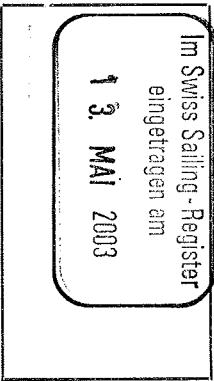
Wechsel

Changement de propriétaire

Je S 5 47C (Sloop)
 ie
 Segel-Nr. S 51 - 128
 No de voile
 bisheriger Bootname AMORAL III
 ancien nom du yacht
 neuer Bootname
 nouveau nom du yacht
 Baujahr 1973
 Année de constr.
 Bauwert Barnett Metrolite
 chantier

Neuer Eligner
 Nouveau propriétaire
 Name Armando Daldini
 Nom
 Club
 Adresse Chemin de la Vallée 13
 Datum 10. Mai 2003
 Date
 Der Vermesser Relanna Beut
 Le jaugeur

SSY - USY Messurer 08
Beut Relanna

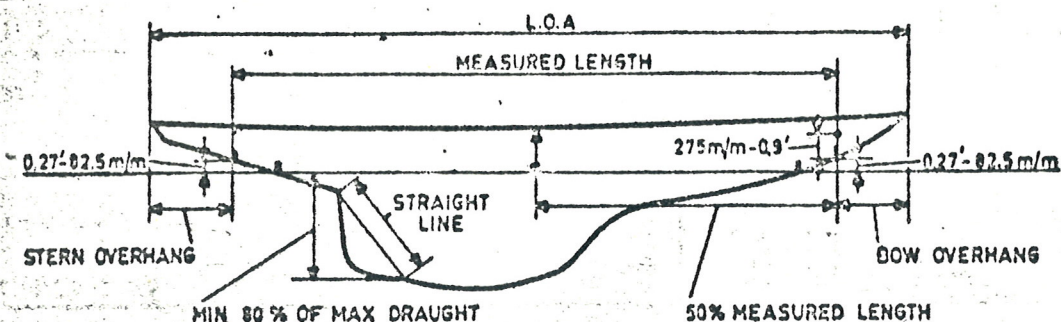
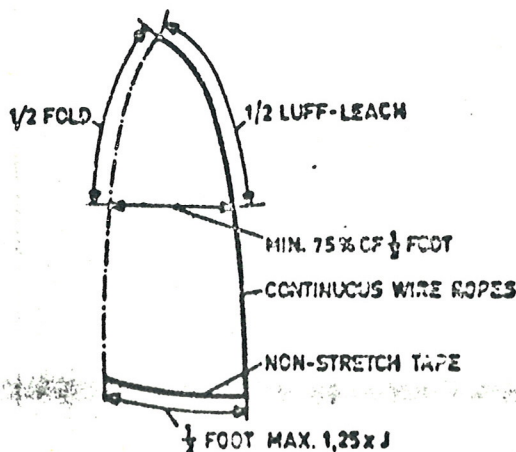
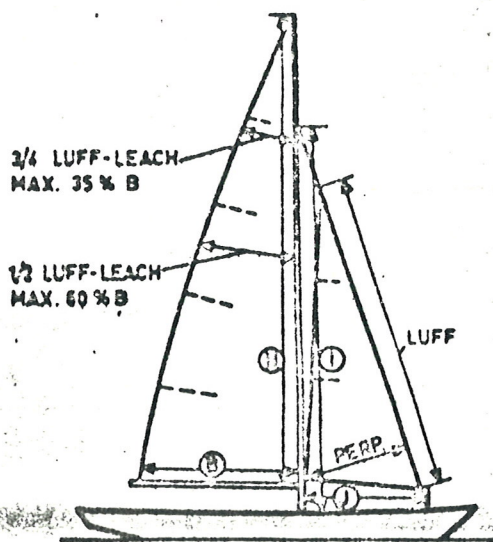


Nur gültig mit Registerstempel der USY
 Valable seulement avec timbre d'enregistrement de l'USY

THE INTERNATIONAL 5.5 METRE CLASS CERTIFICATE OF RATING

Yacht's name	ARUNGA III Joker V	Classification society	Lloyd's
Permanent sail number	S. 5 KA 31 Z 128	Expiration date of classification certificate	1.4.80 JANUARY . 80 *
Owner	FRANK TOLHURST JON MITCHELL	Measurements or partial remeasurements by N.A. Measurer, signature & date	14.4.73 <i>David D. Keenan</i>
Owner's club	R. P. A. Y. C. - PITWATER. SYDNEY	Designer	LUDERS.
Builder	W. BARNETT.	Builder	J. Furley 20. November 81 *
Date completed	DECEMBER. 1973	Condition of water when marks were sighted	SALT.
State fresh or salt		Difference in immersion (class rule 5)	(metres)
Has designer's or builder's declaration been furnished	YES.	Expiration date of rating certificate	1.4.80 31.3.82
I declare that the particulars given on this certificate are correct at		Rated	
Signature of designer or builder	PREVIOUSLY SUBMITTED.	Rated	
Signature of owner or his representative	<i>Frank Tolhurst</i>	Rated	
(The designer or builder is only responsible for measurements at the date they are taken)		Rated	
Certificate authorised by P. Furley - Registrar.	AUSTRALIAN YACHTING FEDERATION	for	AUSTRALIAN YACHTING FEDERATION (National Authority)

in USY-Register
 eingetragenes Boot
 21. JULI 1980



RATING FORMULA : $0.9 \left(\frac{L\sqrt{S}}{12\sqrt{D}} + \frac{L+\sqrt{S}}{4} \right)$ not to exceed 5.5 m or 18.04 ft.

	Actual measures		Rule limits
LENGTH L FOR RATING			
Overall length L.O.A.		7.436	
Bow overhang to L ₁	1.089		
Stern overhang to L ₁	0.878		
Total overhang	add	1.967	
Measured length L ₁		subtract 7.469	
Girth at bow	0.695		
Twice vertical height at bow (=0.550 m or 1.804 ft.)	0.550		
Bow girth difference	subtract 0.145	0.165	min. 0.165 m or 0.541 ft. (rule 3)
Girth at stem	1.537		
Twice vertical height at stem	0.867		
Stern girth difference	subtract 0.670		
1/3 stern girth difference	div. by 3 0.223	0.234	min. 0.234 m or 0.768 ft. (rule 3)
Length L for rating formula		add 7.866	
SAIL AREA FOR RATING			
Largest headbail = 0.5 x _____ (luff) x _____ (perp)		9.521	min. see next page
Mainsail = 0.5 x 10.572 (H) x 3.651 (B)		19.299	min. 26.5 m ² or 285.0 sq. ft. (rule 7)
Total sail area S		add 28.820	max. 29.0 m ² or 312.0 sq. ft.
\sqrt{S}		5.370	
DISPLACEMENT			
Weight of yacht. (date when weighed 1.4.78)		4480 lbs.	
Displacement D = weight div. by 1025.21 kg/m ³ or 64 lbs/cu. ft.		2034 kg	min. 1.7 m ³ or 60.27 cu. ft. (rule 7)
$\sqrt[3]{D}$		1.987	max. 2.0 m ³ or 70.62 cu. ft.
		1.257	
RATING			
Rating calc'd according to formula		5.500	
3 x tumble home excess		add	(rule 14)
FINAL RATING		5.500	

RULE PARTICULARS

	Actual ^{x)}	Rule limits	Rule No.
HULL			
Immersion checked in salt/fresh water	date <u>21.12.77</u>		5;27
Weight of inside ballast placed at _____	-	xx)	6;33
Beam	<u>1.917</u>	min. 1.90m or 6.23 ft.	7;9
Draft	<u>1.325</u>	max. 1.35m or 4.43ft.	7
Freeboard at bow girth station	<u>0.737</u>		
" at stern girth station	<u>0.516</u>		
" at midship mark	<u>0.635</u>		
" average	<u>0.628</u>	min. 0.63m or 2.06ft.	
Keel, ballast material	<u>LEAD</u>	lead or iron	10
" ht. of round at bottom	-	max. 75mm. or 3 in.	10
" width at max. section 1 metre below L.W.L.	<u>0.151</u>	min. 150mm. or 5.9in.	10
Stern angle	<u>1.93ms</u>	min. 1 in 5.5	12
Round of beams	-	max. 7mm. in 305mm.	13
Tumble home	<u>NIL</u>	or 00.25in. in 12in.	14
2% of max. beam	-		
Excess tumble home	subtract → <u>-</u>	3 x excess added to rating	14
Area of deck openings	<u>2.25m²</u>	max. 2.25m ² or 24.25 sq. ft.	24
Cockpit forward of L1 mark		min. 1.75m or 5.74ft.	25
Breadth of side decks	<u>0.388</u>	min. 35cm or 1.15ft.	24
SAILS & RIGGING			
Height of sailplan above covering board level	<u>11.100</u>	max. 11.10m or 36.4ft.	16
" " boom (black band) above covering board level	<u>0.528</u>	max. 0.85m or 2.795ft.	17
" " fore triangle above covering board level (1)	<u>8.873</u>	max. 8.88m or 29.11ft.	16
Base of fore triangle (J) (Deck black band to be checked)	<u>2.686</u>	max. 0.50 x S	16
Min. headsail for measurement purposes = 0.5 x I x J x 80%	<u>9.537</u>		15
Spinnaker, halliard above forestay	<u>.010</u>	max. 10cm or 3.9in.	20
" " out from mast	-	max. 3cm or 1.18in.	20
" breadth of halt the foot	<u>3.358</u>	max. 1.25 x J	20
Storm spinnaker, breadth of halt the foot	<u>2.686</u>	max. J	20
Spinnaker boom length	<u>2.686</u>	max. J	21
Mast diameter at 1/2 ht. of fore triangle, round mast	<u>17.6 x 10.2</u>	min. 11.5cm or 4.52 in.	22
" " at deck " "	<u>17.6 x 10.2</u>	min. 10.9cm or 4.30in.	22
" " at jib halliards " "	<u>12.7 x 8.1</u>	min. 9.2cm or 3.62in.	22
" " at top " "	<u>70 x 5.7</u>	min. 5.8cm or 2.26in.	22
(The athwartship diameters of oval masts may be reduced by 10% of the above, but the sectional areas shall not be less)			
Weight of mast with fixed fittings	<u>71 kg.</u>	min. 40 kgs or 88 lbs	22
Centre of gravity of mast above covering board level	<u>7.826</u>	min. 38% of mast ht.	22
Boom depth		max. 15.2cm or 6in.	23
Boom width		min. 3.8cm or 1.5in.	23
MISCELLANEOUS			
Weight of anchor	<u>13.5 kg.</u>	max. 13kgs or 26.45lbs min. 11kgs or 24.24lbs	26
Length of warp	<u>30.00 m.</u>	min. 30m or 16.4 fathoms	26
Top of l marks above water with yacht in racing trim			5