

1979

International 5.5 Metre Class Certificate of Rating

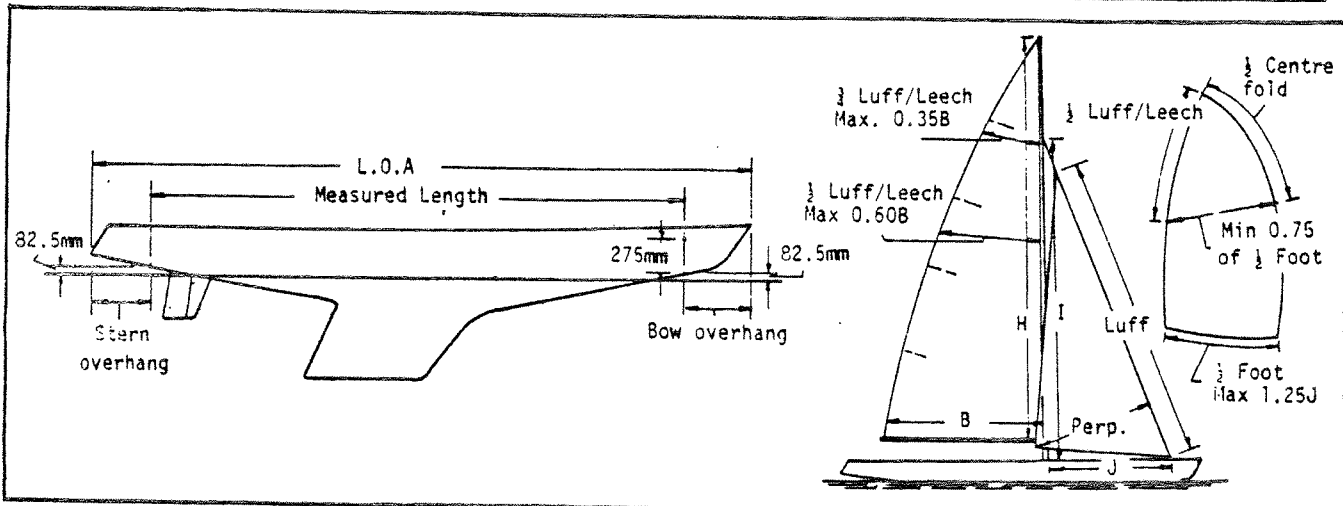
Yacht's name <i>Cayman Jack</i> Sail number <i>Z 133</i> Owner <i>H. Monnier</i> Owner's club <i>CVL</i> Designer <i>B. hexcan</i> Date completed <i>7.5.82</i> Condition of water when marks were sighted State fresh or salt	Classification society <i>Ventur, Paris</i> Expiration date of classification certificate <i>may 1984</i> Measurements or partial remeasurements by N.A. Measurer, signature & date <i>USY-Verm.</i> <i>O. Weber</i> <i>CH-8802 Kitchberg/ZH</i>
Difference in immersion (class rule 5) <i>1.008</i> (metres)
Has designer's or builder's declaration been supplied	
I declare that the particulars given on this certificate are correct at this date Signature of measurer Signature of designer or builder Signature of owner or representative	Expiration date of rating certificate <i>6.5.1984</i> Re-rated

Certificate authorised by Date for

Im USY-Register
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27. MAI 1982

(National Authority)

	Actual measures		Rule limits
LENGTH L FOR RATING			
Overall length L.O.A.		9.565	
Bow overhang to L ₁	1.025		
Stern overhang to L ₁	1.026		
Total overhang	add	2.051	
Measured length L ₁		subtract	
Girth at bow	.689	7.414	
Twice vertical height at bow (=0.550 m)	.550		
Bow girth difference	subtract	.165	min. 0.165 m (rule 3)
Girth at stern	1.547		
Twice vertical height at stern	.878		
Stern girth difference	subtract	.669	
1/3 stern girth difference	div. by 3	.223	min. 0.234 m (rule 3)
Length L for rating formula	add	7.853	
SAIL AREA FOR RATING			
Largest headsail = 0.5 x _____ (luff) x _____ (perp)		9.655	min. see next page
Mainsail = 0.5 x 10.600 (H) x 3.650 (B)		19.245	min. 26.5 m ² (rule 7)
Total sail area S	add	29.00	max. 29.0 m ²
\sqrt{S}		5.385	
DISPLACEMENT			
Weight of yacht (date when weighed 7.5.82)		2050	
Displacement D = weight div. by 1025.21 kg/m ³		2.000	min. 1.7 m ³ (rule 7)
$\sqrt[3]{D}$		1.260	max. 2.0 m ³
RATING			
Rating calc'd according to formula		5.496	
3 x tumble home excess			(rule 14)
FINAL RATING	add	5.496	



	Actual ¹⁾	Rule limits	Rule No.
HULL			
Immersion checked in salt/fresh water	Date		2:27
Weight of inside ballast placed at _____	4170	xx)	6:33
Beam	1.937	min. 1.90 m	7:0
Draft	1.350	max. 1.35 m	7
Freeboard at bow girth station	0.771		
" at stern girth station	0.532		
" at midship mark	0.67		
" average	0.637	min. 0.63 m	
Keel, ballast material	lead	lead or iron	10
" ht. of round at bottom	Ø	max. 75mm	10
" width at max. section 1 metre below L.W.L.	0.165	min. 150mm	10
Stern angle	1.94	min. 1 in 5.5	12
Round of beams	Ø	max. 7mm in 305mm	13
Tumble home	4170		14
2% of max. beam			
Excess tumble home	subtract		
Area of deck openings	2.27	max. 2.25 m ²	24
Cockpit forward of L1 mark	2.535	min. 1.75 m	25
Breadth of side decks	0.70	min. 35 cm	24
SAILS & RIGGING			
Height of sailplan above covering board level	11.100	max. 11.10 m	16
" " boom (black band) above covering board level	0.500	max. 0.85 m	17
" " fore triangle above covering board level (1)	8.880	max. 8.88 m	16
Base of fore triangle (J) (Deck black band to be checked)	2.692	max. 0.50 x S	16
Min. headsail for measurement purposes = 0.5 x 1 x J x 80%	9.562		15
Spinnaker, halliard above forestay	0.100	max. 10 cm	20
" " out from mast	0.010	max. 3 cm	20
" breadth of half the foot	3.365	max. 1.25 x J	20
Storm spinnaker, breadth of half the foot	2.692	max. J	20
Spinnaker boom length	2.692	max. J	21
Mast diameter at 1/3 ht. of fore triangle, round mast	125 x 115	min. 11.5 cm	22
" " at deck	125 x 110	min. 10.9 cm	22
" " at jib halliards	125 x 100	min. 9.2 cm	22
" " at top	90 x 90	min. 5.8 cm	22
(The athwartships diameter 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	42 kg.	min. 40 kgs	22
Centre of gravity of mast above covering board level	78.8%	min. 38% of mast ht.	22
Boom depth	0.105	max. 15.2 cm	23
Boom width	0.070	min. 3.8 cm	23
MISCELLANEOUS			
Weight of anchor	12 kg.	max. 13kgs min. 11kgs	26
Length of warp	30 m	min. 30 m	26
Top of 1 marks above water with yacht in racing trim	Ø		5