

International 5.5 Metre Class Certificate of Rating

Yacht's Name: Chlica - Chlica Sail Number: Z-169
 Owner: MEIER & SCHMIDT Owner's Club: CVSNG
 Designer: MEIER & SCHMIDT Date Completed:

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

Condition of water when marks were sighted: State fresh or salt: fresh
 Difference in immersion (class rule 5): 0.007 (metres)

Classification Society: VERITAS
 Expiration date of classification certificate:

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

| Signature | Date | Item No |
|--------------------|----------------------|------------------|
| <u>[Signature]</u> | <u>MARCH 25th 92</u> | <u>21, 2, 57</u> |
| | | |
| | | |

Expiration date of rating certificate:
 Re-Rated:

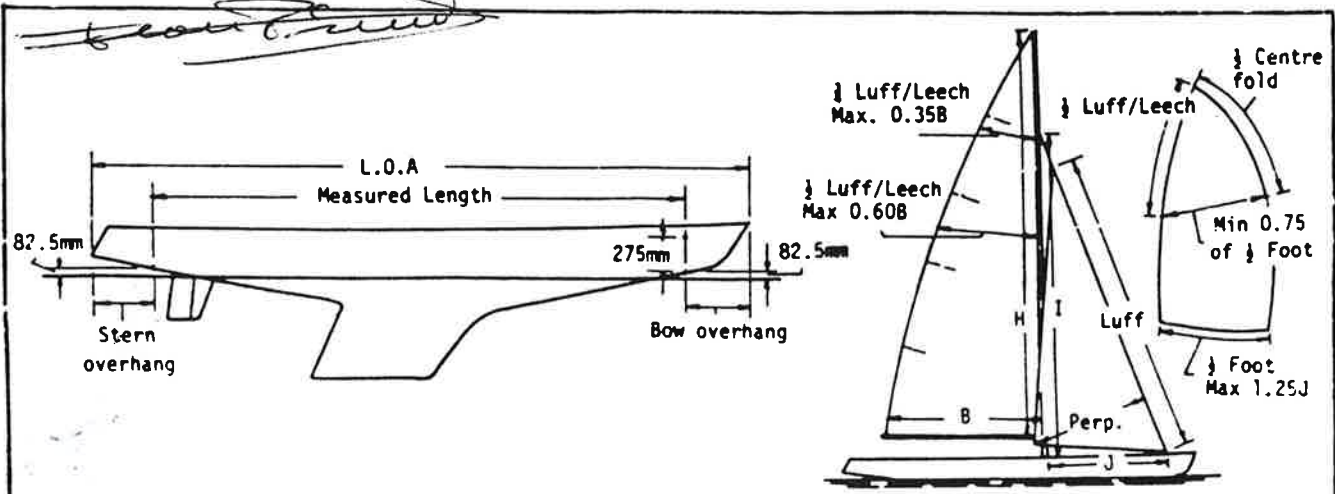
I certify that the measurements entered on this certificate have been properly taken and that to the best of my knowledge and belief the boat complies with the Rules of the International 5.5 Metre Class.

Signature of Measurer: [Signature]
 Signature of designer or builder: [Signature]
 Signature of owner or representative: [Signature]

Certificate authorised by: Date:
 For: (enter name of National Authority)

CT. US4 - 28.03.92

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| Item No. | Z-169 | Actual | Rule Limits | Rule No. |
|---|--|---------------|----------------------------|----------|
| HULL | | | | |
| 1 | Immersion checked in salt/fresh water | | | |
| 2 | Weight of inside ballast placed at <u>below skipper</u> | date 30 kg | Aug. 22nd 1989 | 5,24 |
| 3 | Beam | 1.905 | min. 1.90m | 27 |
| 4 | Max. Draft | 1.340 | max. 1.35m | 2,8 |
| 5 | Freeboard at bow girth station | 0.717 | | 2 |
| 6 | Freeboard at stern girth station | 0.560 | | 4 |
| 7 | Freeboard at midship mark | 0.612 | | 4 |
| 8 | Freeboard average | 0.630 | min. 0.63m | 4 |
| 9 | Keel and ballast materials | lead | Lead or iron | 9(iii) |
| 10 | Keel height of round at bottom | V | min. 75mm | 9(iv) |
| 11 | Maximum section width down to 1m from LWL | V | min. 150mm | 9(iv) |
| 12 | Stern angle | V | min. 1 in 5.5 | 11 |
| 13 | Round of beams | V | max. 7mm in 305mm | 12 |
| 14 | Tumblehome | none | - | 13 |
| 15 | Deduct 2% of max. beam | - | | |
| 16 | Excess tumblehome | - | 3 x excess added to rating | 13 |
| 17 | Area of deck openings | 2.23 | max. 2.25m ² | 21 |
| 18 | Cockpit forward of L1 mark | 2.220 | min. 1.75m | 22 |
| 19 | Breadth of side decks | 0.375 | min. 35cm | 21 |
| SAILS AND RIGGING | | | | |
| 20 | Height of sailplan above covering board level | 11.075 | max. 11.10m | 14 |
| 21 | Height of boom (black band) above covering board level | 0.630 | max. 0.85m min. 0.50m | 16 |
| 22 | Height of fore triangle above covering board level (1) | 8.880 | max. 8.88m | 15 |
| 23 | Base of fore triangle (J) (Deck black band to be checked) | 2.670 | max. 0.50 x \sqrt{S} | 14 |
| 24 | Min. Headsail for measurement purposes = 0.5 x I x J x 80% | 9.484 | | 14 |
| 25 | Spinnaker, halliard above forestay | 0.100 | max. 10cm | 17 |
| 26 | Spinnaker halliard out from mast | 0.030 | max. 3cm | 17 |
| 27 | Spinnaker breadth of half the foot | 3.338 | max. 1.25 x J | 17 |
| 28 | Storm spinnaker, breadth of half the foot | 2.670 | max. J | 17 |
| 29 | Spinnaker boom length | 2.670 | max. J | 18 |
| 30 | Mast diameter at 1/2 ht. of fore triangle, round mast | 106x14.6 | min. 11.5cm | 19 |
| 31 | Mast diameter at deck, round mast | 106x14.6 | min. 10.9cm | 19 |
| 32 | Mast diameter at jib halliards, round mast | 9.8x9.8 | min. 9.2cm | 19 |
| 33 | Mast diameter at top, round mast | 6.7x8.5 | min. 5.8cm | 19 |
| (The athwartships diameter of oval masts may be reduced by 10% of the above, but the sectional areas shall not be less) | | | | |
| 34 | Tip weight of mast | 17.5 | min. 16kgs | 19 |
| 35 | Boom depth | V | max. 15.2cm | 20 |
| 36 | Boom width | V | min. 3.8cm | 20 |

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| Item No. | Z-169 | Actual | Rule Limits | Rule No. |
|-----------------------------|--|-------------------|-----------------------|---------------------------------|
| MISCELLANEOUS | | | | |
| 37 | Weight of anchor | ✓ | max. 13kgs min. 11kgs | 23 |
| 38 | Length of warp (min. diameter 9mm) | ✓ | min. 30m | 23 |
| 39 | Top of I marks above water with yacht in racing trim | ✓ | | 5 |
| Item No. | | Actual Measures | | Rule Limits |
| LENGTH L FOR RATING | | | | |
| 40 | Overall length L.O.A. | | 9.033 | |
| 41 | Bow overhang to L ₁ | 0.784 | | |
| 42 | Stern overhang to L ₁ | 0.875 | | |
| 43 | Total overhang | add → | 1.659 | |
| 44 | Measured length L ₁ | | subtract 7.374 | |
| 45 | Girth at bow | 0.718 | | |
| 46 | Twice vertical height at bow (=0.550m) | 0.550 | | |
| 47 | Bow girth difference | subtract ↳ | 0.168 | min. 0.165m (rule 3) |
| 48 | Girth at stern | 1.673 | | |
| 49 | Twice vertical height at stern | 0.955 | | |
| 50 | Stern girth difference | subtract 0.718 | | |
| 51 | 1/3 stern girth difference | div. by 3 ↳ | 0.239 | min. 0.234m (rule 3) |
| 52 | Length L for rating formula | | add ↳ | <u>7.781</u> |
| SAIL AREA FOR RATING | | | | |
| 53 | Largest headsail = 0.5 x _____ (luff) x _____ (perp) | | 9.484 | min. see item 24 |
| 54 | Mainsail = 0.5 x <u>10.445</u> (H) x <u>3.674</u> (B) | | 19.188 | min 26.5m ² (rule 2) |
| 55 | Total sail area S | | add ↳ | max. 29.0m ² |
| 56 | √S | | | |
| DISPLACEMENT | | | | |
| 57 | Weight of yacht (date when weighed) _____ | | 1.900 kg | |
| 58 | Displacement D = weight div. by 1025.21kg/m ³ | | | min. 1.7m ³ (rule 2) |
| 59 | √D | | 1.853 | max 2.0m ³ |
| | | | 1.223 | |
| RATING | | | | |
| 60 | Rating calculated according to formula | | 5.500 | |
| 61 | 3 x tumblehome excess | | ∅ | (rule 13) |
| | | | add ↳ | |
| 62 | FINAL RATING | | ↳ | <u>5.500</u> |

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