

1979

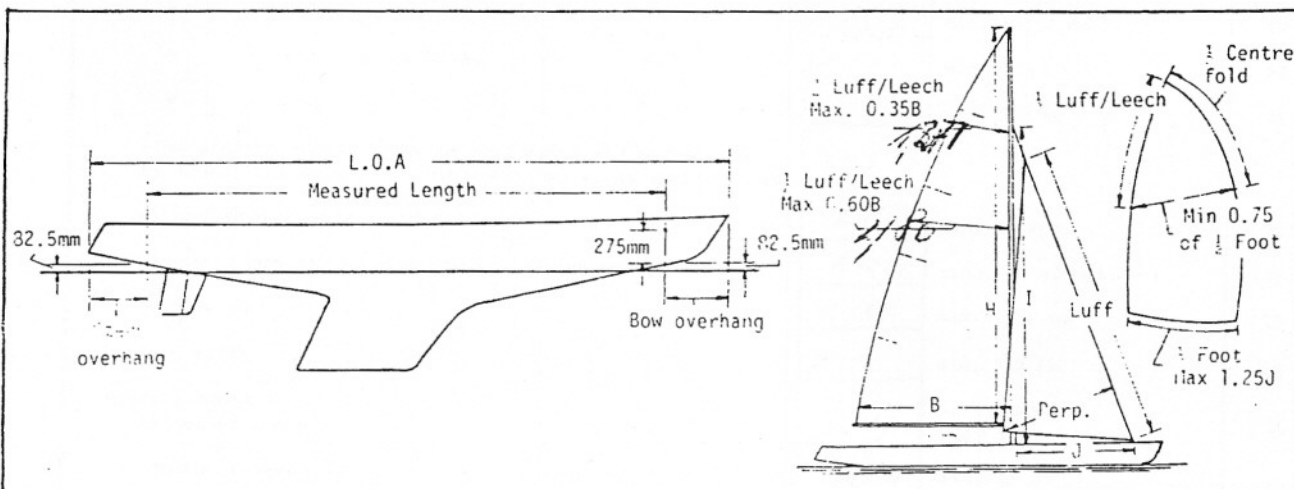
International 5.5 Metre Class Certificate of Rating

| | |
|--|---|
| Yacht's name <i>Natipaki</i> | Classification society <i>Bureau Veritas</i> <i>Nr. 900410</i> |
| Sail number <i>Z 77</i> | Expiration date of classification certificate |
| Owner <i>H. Gool</i> | Measurements or <u>partial</u> remeasurements by N.A. Measurer, signature & date |
| Owner's club <i>CNR</i> | |
| Designer <i>Britton Chance jr.</i> | <i>USY - Verm.</i> <i>18. März 1988</i> |
| Time completed <i>30 April 1966</i> | <i>O. Weber</i> |
| Condition of water when marks were sighted State fresh or salt <i>fresh</i> | <i>CH - 8802 Kilchberg/ZH</i> |
| Difference in immersion (class rule 5) <i>.006</i> (metres) | |
| Has designer's or builder's declaration been supplied <i>Yes</i> | |
| I declare that the particulars given on this certificate are correct at this date | Expiration date of rating certificate |
| Signature of measurer <i>sign. O. Weber</i> | <i>17. März 1990</i> |
| Signature of designer or builder <i>sign. H. Feurich</i> | |
| Signature of owner or representative <i>For certificate established 30 April 1966</i> <i>measured at Port of Genoa</i> | Re-rated |

Certificate authorised by Date for

(National Authority)
**Im USY-Register
eingetragen am
- 4. MAI 1988**

| | Actual measurements | | Rule Limit |
|---|---------------------|----------|-----------------------------------|
| <u>LENGTH L FOR RATING</u> | | | |
| Overall length L.O.A. | | 9.165 | |
| Bow overhang to L ₁ | .833 | | |
| Stern overhang to L ₁ | .885 | | |
| Total overhang | add | 1.688 | |
| Measured length L ₁ | | subtract | |
| Girth at bow | 643 | | |
| Twice vertical height at bow (=0.570 m) | .570 | | |
| Bow girth difference | subtract | .165 | min. 0.165 m (rule 3) |
| Girth at stern | 4.532 | | |
| Twice vertical height at stern | 1.006 | | |
| Stern girth difference | subtract | .526 | |
| 1/3 stern girth difference | div. by 3 | .175 | min. 0.234 m (rule 3) |
| Length L for rating formula | | add | |
| | | 7.876 | |
| <u>SAIL AREA FOR RATING</u> | | | |
| Largest headsail = 0.5 x _____ (luff) x _____ (perp) | | 9.530 | min. see next page |
| Mainsail = 0.5 x 10.600 (H) x 3.633 (B) | | 19.253 | min. 26.5 m ² (rule 7) |
| Total sail area S | | add | max. 29.0 m ² |
| \sqrt{S} | | 4.365 | |
| <u>DISPLACEMENT</u> | | | |
| Weight of yacht (date when weighed 1966) | | 2037 | |
| Displacement D = weight div. by 1025.21 kg/m ³ | | | min. 1.7 m ³ (rule 7) |
| $\sqrt[3]{D}$ | | 1.987 | max. 2.0 m ³ |
| | | 1.257 | |
| <u>RATING</u> | | | |
| Rating calc'd according to formula | | 5.500 | |
| 3 x tumble home excess | | | (rule 14) |
| FINAL RATING | | add | |
| | | 5.500 | |



| | Actual ^{x1} | Rule limits | Rule No. |
|--|----------------------------------|----------------------------|----------|
| HULL | | | |
| Immersion checked in salt/fresh water | date | | 7;27 |
| Weight of inside ballast placed at | next weight control 4/21/1985 | xx) | 6;33 |
| Beam | 1.914 | min. 1.90 m | 7;9 |
| Draft | 1.327 | max. 1.35 m | 7 |
| Freeboard at bow girth station | 736 | | |
| " at stern girth station | 788 | | |
| " at midship mark | 789 | | |
| " average | 688 | min. 0.63 m | |
| Keel, ballast material | lead | lead or iron | 10 |
| " ht. of round at bottom | < 75 | max. 75mm | 10 |
| " width at max. section 1 metre below L.W.L. | 153 | min. 150mm | 10 |
| Stern angle | 269 | min. 1 in 5.5 = 0.182 | 12 |
| Round of beams | 068 | max. 7mm in 305mm | 13 |
| Tumble home | 076 | | 14 |
| 2% of max. beam | 078 | | |
| Excess tumble home | subtract | 3 x excess added to rating | 14 |
| Area of deck openings | 2.2 m ² | max. 2.25 m ² | 24 |
| Cockpit forward of L1 mark | 2.430 | min. 1.75 m | 25 |
| Breadth of side decks | 350 | 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 | 1.000 | 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) | 2.683 | max. 0.50 x S | 16 |
| Min. headsail for measurement purposes = 0.5 x l x J x 80% | 4.570 m ² | | 15 |
| Spinnaker, halliard above forestay | 100 | max. 10 cm | 20 |
| " " out from mast | 005 | max. 3 cm | 20 |
| " breadth of halt the foot | 3.374 | max. 1.25 x J | 20 |
| Storm spinnaker, breadth of halt the foot | 2.683 | max. J | 20 |
| Spinnaker boom length | 2.683 | max. J | 21 |
| Mast diameter at 1/2 ht. of fore triangle, round mast | according | min. 11.5 cm | 22 |
| " " at deck | according | min. 10.9 cm | 22 |
| " " at jib halliards | to class | min. 9.2 cm | 22 |
| " " at top | rule | 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 | 48 | min. 40 kgs | 22 |
| Centre of gravity of mast above covering board level | 4.704 | min. 38% of mast ht. | 22 |
| Boom depth | < 152 | max. 15.2 cm | 23 |
| Boom width | > 40 | min. 3.8 cm | 23 |
| MISCELLANEOUS | | | |
| Weight of anchor | 124 | max. 13kgs min. 11kgs | 26 |
| Length of warp | 30.4 | min. 30 m | 26 |
| Top of l marks above water with yacht in racing trim | K | | 5 |

UNION SCHWEIZERISCHER YACHTCLUBS

Eignerwechsel

Klasse
Série

5.5 m

Segel-Nr.
No de voile

SUI-77

bisheriger Bootsname
ancien nom du yacht

NATIPAKI

neuer Bootsname
nouveau nom du yacht

KIWI

Baujahr
Année de constr.

1966

Bauwerft
Chantier

B. Chance / Heinrich

UNION SUISSE DU YACHTING

Changement de propriétaire

Neuer Eigner
Nouveau propriétaireName
Nom

Christophe PIFFARETTI

Club

SNR (Rolle)

Adresse

H. de LAUSANNE 38

1180 ROLLE

Datum
Date

21 Nov. 01

Der Vermesser
Le jaugeur

OK

Nur gültig mit Registrierstempel der USY
Valable seulement avec timbre d'enregistrement de l'USYIm Swiss Sailing-Register
eingetragen am

24. APR. 2001