

INTERNATIONAL FINN CLASS

MEASUREMENT FORM and MEASUREMENT CERTIFICATE

January 1965. (All Measurement Forms dated previously are superceded).

N.B. This form only becomes a valid racing Certificate if it is signed by:

and The Owner,
and The Measurer,
The National or International Secretary,
or the I.Y.R.U.
or the Secretary of the National Authority.

BOAT NUMBER
and
NATIONALITY

1269
G

Name of Builder DOUZE
 Date Completed Mars 1972
 Name of Owner (block letters) Helmut Duckerhoff Yl Pomer
 Address 400 Düsselort, Hasselbeck 23
 1st Change of owner
 Address
 2nd Change of owner
 Address
 3rd Change of owner
 Address

Measurers are to fill in all the blank spaces. ("ticks" are not sufficient).
 This Form is to be read and completed in conjunction with the Official Rules, Plans, Instructions to Measurers and measurement Diagram.
 Any remarks or explanations by the Measurer are to be written on a separate sheet and attached to this form.
 After 1st October 1964, only templates signed, dated and numbered by National Authorities are to be used for measuring.

Which Authority made the Templates to be used? DSV
 What is their Serial Number?
 Have you read and understood Rules 1 to 16? yes
 In particular does the boat comply with the following:
 Rule Numbers 7). Boat to be complete when presented for measuring. yes
 11). Boats identifying number to be marked as directed. yes

WITH THE HULL RIGHT WAY UP

17). What is the hull shell material? Polyester/glass or wood? Wood
 deck material? " " " "
 21). Overall length 4495±15 4510
 22). Maximum beam 1512±10 1520
 31.) Distance between side decks and tanks at:
 Station 2 minimum 820 mm. 890
 Station 3 minimum 1000 mm. 1010
 Station 4 minimum 980 mm. 995
 Station 5 minimum 880 mm. 870
 32). Distance between decks and tanks on opposite sides between sheer height
 and 100 mm. below sheer at:
 Station 2 maximum 1040 mm.
 Station 3 maximum 1120 mm.
 Station 4 maximum 1100 mm.
 Station 5 maximum 1000 mm.
 33). The crown of the transom above sheer 50±5 mm.
 34). The centreline of the deck surface straight±10 mm.
 37). a) Thwart 21±5 by 75±5 mm.
 b) Aft side in front of Station 4. 20±30 mm.
 c) Top below sheer Maximum 130 mm.
 38). a) Length of foredeck 1400±50 mm.
 b) Length of aft deck 600±50 mm.
 42). Gap in centreboard case 10+2 mm.

no tanks
because
air cushions
50
+2
16 x 70
22
125
1370
560
8

- 44). Centreboard case capping maximum 100 mm. wide
maximum 26 mm. thick 25
- 45). Are the floorboards removeable? YES
Do they extend from Station 4 to the aft end of the cockpit? YES
Do they cover at least 90% of the nominal area? YES
- 46). Are the floorboards straight athwartships? YES
Have they sufficient supports? YES
- 47). Width of floorboards at Station 2—min. 800 mm. 805
Station 3—min. 880 mm. 897
Station 4—min. 720 mm. 745
- 48). Distance below sheer at Station 2—min. 285 mm. 335
Station 3—min. 325 mm. 380
Station 4—min. 375 mm. 440
- 49). Is the material of a weight similar to 6 mm. marine plywood? YES
- 50). Are there limber holes min. 15×15 mm. in each continuous floorboard support? YES
- 51). Foreside of masthole to Station 0, 3825±10 mm. 3826
- 52). Distance between mast heel and flat under keelband max. 50 mm. 50
- 54). Are the hull bearing surfaces of metal or other hard material? ALU + GFK
- 55). If the step is adjustable, do all moveable parts or operating controls lie forward of Station 7? YES
- 56). Rudder profile as template ±5 mm. +2
Check that the depth of the rudder in relation to the keel line shown on the template is correct±5 mm. +2
- 57). Blade thickness max. 20 mm. 18
- 58). If lifting, it must be possible to pin or bolt the blade down. Does it comply? YES
- 60). Distances between fore edge of rudder and transom
at deck level } maximum difference 3 mm. allowing
at keel level } for any slope on the transom
..... 41
..... 41
- 73). Will the boat float approximately level when fully rigged and flooded? YES
- 74). Are there four separate surplus buoyancy units each giving support of minimum 30 kilos (66lbs.)? YES air cushions
- 75). Is there any surplus buoyancy within the cockpit? NO
- 77). Sheerguards, horizontally 25 max. vertically 35 mm. max. 25 x 32
- 79). Transom Holes. How many? Maximum four in number
Two maximum size 150 mm. diameter
Two maximum size 30 mm. diameter
..... { 7 x 125 x 65
- 80). The mainsheet traveller may not move beyond the inner edge of the side decks. Does it comply? YES
- 81). a) There must be a paddle YES
b) There must be a bailer or bucket YES
c) Painter. Diameter minimum 8 mm. YES
Length minimum 8 metres. YES
d) There must be a fitting for a protest flag YES
- 83). The boat must be dry and cleaned out. Is it? YES
- 84). Stripped weight minimum 105 kilos (231lbs). 707 kg
- 85). Lead correctors fitted. Total, stamped? nothing
- 88). Total weight of boat ready for racing with all necessary equipment except sail, paddle, bailer, min. 145 kilos (319lbs.)
Lead correctors fitted. Total.

HULL UPSIDE DOWN

- 23). Keel profile at: Section 2—109±10 mm. 110
Section 4— 45±10 mm. 46
Section 6— 16±10 mm. 25
- 24). Baseline exact at Station 0—201 mm. and Station 8—58 mm.
Templates Section 0 tolerances 0 to 10 mm. YES
Section 2 tolerances 0 to 10 mm. +5
Section 4 tolerances 0 to 10 mm. +2
Section 6 tolerances 0 to 10 mm. ±0
Section 8 tolerances 0 to 10 mm. -2
Sheer heights at: Section 0 tolerances -10 to +10 mm. -6
Section 2 tolerances -10 to +10 mm. -2
Section 4 tolerances -10 to +10 mm. +2
Section 6 tolerances -10 to +10 mm. +2
Section 8 tolerances -10 to +10 mm. +0

- 25). Stem profile (Template to be fixed at Station 8 plus or minus the overall length tolerance).
 Template tolerance 0 to 10 mm.
 Sheer height tolerance -10 to +10 mm. -5
 26). Minimum size and section of stem and keelbands 6x12 mm. halfround 6x12
 Are the keel bands made separately to the hull? no
 43). Centre of centreboard pivot aft of station 6, 50±10 mm. 50
 Above keel, 45± 5 mm. 45
 59). With the rudder fitted, does it fall off? no
 86). Weight at the stem when supported at Station 3 in stripped condition at
 minimum 105 kilos, Minimum 21 kilos (46.2lbs.) 23
 Correctors if any no

BOAT ON ITS SIDE

- 41). Centreboard fully lowered. Maximum projection 700 mm. yes
 40). f) Is a stop fitted? yes
 87). After weighing the stripped hull and the stem weight and with all necessary
 correctors fitted, balance the boat on one gunwale
 How far from the vertical surface does it balance? yes
 Correctors fitted. 350
 89). Total weight of all correctors. Maximum 10 kilos (22lbs.) no
 +

THE BOATS GEAR

- 40). Centreboard shape a) Large radius 890±5 mm. 890
 b) Small radius 35±5 mm. 35
 c) Chord length 820±5 mm. 820
 d) Trailing edge chamfer max. 25 mm. 20
 e) Leading edge rounded, radius half thickness yes
 g) Weight maximum 16 kilos (35.2lbs.) 20 Kp
 61). Is the mast made of softwood above 1500 mm. from heel? yes
 What protective coating is used above 1500 mm. from heel? LAKE
 62). a) Does the mast comply with this rule? yes
 Is the heel on the central axis? yes
 b) Diameter at deck minimum 100 mm. and at upper black band 42 mm. 100
 c) Width of boom slot maximum 38 mm. 26
 63). Weight excluding halyard, minimum 10.5 kilos (23lbs.) 17.5 Kp
 64). Corrector weights. (Max. 1 kilo). nothing
 65). Centre of gravity position minimum 220 mm. from heel. 2350
 66). Does the halyard arrangement comply? yes
 67). Will the mast fall out? no
 68). Are black bands minimum width 13 mm. wide painted:
 with top edge 860 mm. from heel? yes
 with lower edge 6560 mm. from heel? yes
 53). The difference in diameters of the bearings on mast and boat:
 at deck, maximum 5 mm. ~~V2A + GFK 5~~
 at maststep, maximum 5 mm. ~~10~~
 54). Are the mast bearing surfaces of metal or other hard materials? V2A + GFK
 69). Is the boom made of softwood except for the front 560 mm? ALU
 70). Overall length max. 3600 mm. 3600
 71). Is there a black band min. width 13 mm. with the forward upper edge 3270mm.
 from the aft face of the mast? yes
 72). Width of boom between the black band and 560 mm. from the forward end,
 max. 37 mm. min. 32 mm. 32
 Depth forward of black band to mast max. 82 mm. min. 77 mm. 78
 (Rules 90—95 need not be checked and filled in if the sail is not supplied.
 New sails must be signed and dated by the measurer if the answers to the
 90). Is the sail of woven cloth of even thickness? Dralon

- a) Transparent panel max. 0.275 sq. m. (3 sq. ft.)
Not closer than 150 mm. to any edge.
 - b) Cloth reinforcements at the head max. 200 mm. down
and at clew max. 300 mm. inwards.
 - c) Headboard from mast max. 150 mm. and 200 mm. down
 - e) Is there any excessive stiffening?
- 91). Leach length maximum 600 mm.
- 92). Half height width maximum 1950 mm. excluding boltrope.
- 93). Battens max. 400 mm. and Pockets max. 450 mm.
- | | |
|---------|---------|
| 600 mm. | 650 mm. |
| 700 mm. | 750 mm. |
| 600 mm. | 650 mm. |
| 500 mm. | 550 mm. |
- 94). Is the leach concave when not under tension?

no
180
270
735 x 735
no
558.0
79.50
250
400
500
600
500
250
400
500
680
500
no

DECLARATIONS

I declare that this boat conforms to the letter and spirit of the rules, including those listed below, and that in my opinion no attempt has been made to exploit the rules to get round the one-design intention.

Rules: 2, 18, 19, 20, 27, 28, 30, 36, 39, 82, 95, 97, 98.

Signed: H. Sacher
Obering.
Amtl. Vermesser
des D.S.V.
Essen Pilotstr. 5
Tel. 703993

22. 3. 1972

Official Mesurer.

Owner's declaration.

I declare that I am satisfied that this boat has been fully and correctly measured and I further declare that I will keep the boat within the Class Rules whenever it is raced.

Signed: Helmut Dürhoff
Date: 22. 3. 1972

Owner.

I declare that I have checked this form and have found that all the answers are correct.

Signed: 18.7.72
Date: Rey. No. 17812

Verbilligt des Meßbriefes: 17.7.74

D.S.V. Essen
Sachl. Verträge

I.F.A. or N.F.A. Secretary.

N.B. If any answers are incorrect and cannot be corrected, then the forms must be submitted to the I.Y.R.U for its ruling.

The I.Y.R.U. authorises that this boat be allowed to race in spite of errors to the following rules:

Signed: _____ For the I.Y.R.U.
Date: _____

Change of Owner's declaration

I declare that I am satisfied that the boat complies with all the rules of the class and that I will keep the boat within these rules whenever it is raced.

First change.
Signed: _____ Date: _____

Second change.
Signed: _____ Date: _____

Third change.
Signed: _____ Date: _____