

# SNIFE CLASS INTERNATIONAL RACING ASSOCIATION

30698

## MEASUREMENT DATA SHEET

Sheet H - Revised January 2001

For all boats built after January 1, 2001

EXCEPT AS NOTED

### Use Standard Marking Procedures on this form:

- When NOT within the tolerance limits allowed, mark an "X" in the margin and state actual measurements.
- Otherwise, do not write in the measurements of this boat except where specifically called for.
- Draw a circle around the number of each paragraph when you have verified or carried out all its details.
- When your examination is completed, every paragraph number will be "circled" (indicating conformity); or will bear an "X" in the margin (indicating something needs to be rebuilt or submitted to the International Rules Committee for decision).

### \*\*PLEASE PRINT\*\*

(a) Measurers must fill in every blank space provided on the Measurement Data Sheet. Each dimension shown must be verified by the measurer and if the dimension is not either the maximum or minimum or between the two, the measurer may recommend certificate good for local races only on home built boats, if discrepancy is MINOR and clearly shown. No discrepancies permitted on professionally built boats.

(b) Each boat must have been assigned a racing number by the Association. This number must be carved, burned, or molded into the centerboard trunk in an unobscured position. Minimum height of these numbers must be 13mm (1/2"). Unless this is done, a boat cannot receive a Certificate of Measurement.

(c) In order to be eligible to race, every boat must have an official decal for the current year, permanently attached to the starboard side just forward of the transom. Decals will be issued by the appropriate National Secretary for each year that dues are paid.

Official Racing Number of boat on trunk 30698

Boat's Name \_\_\_\_\_

Full name(s) and address(es) of owner(s) \_\_\_\_\_

DB MARINE - VIA TIRPOLO 1  
3400 TRIESTE - ITALY

Name and charter number of the fleet in which this boat is expected to compete. \_\_\_\_\_

Name, complete mailing address and telephone or fax number of builder. \_\_\_\_\_

DB MARINE - VIA TIRPOLO 1  
3400 TRIESTE - ITALY

### GENERAL RESTRICTIONS

- The purpose of the restrictions under which Snipe hulls and sails are approved is to ensure that, to as great degree as possible, all hulls and sails have identical racing capability. It is impossible to list every single variation that might turn up in the future, and it is impossible to make any set of restrictions, which at some future date, someone cannot find what appears to be a legal means of obtaining some racing advantage. Any boat or sail having features which are not consistent with this purpose will not be approved and cannot race even though there is no specific restriction preventing the item in question. Improvements and changes will be made only when these changes do not obsolete older boats and sails from the standpoint of racing capability or when they can be accomplished by anyone at reasonable expense.
- Boats must be measured by officially appointed or elected Fleet Measurers or by Class Measurers approved by SCIRA. No certificate shall be acceptable unless recommended and signed by such a Measurer. (See also Certified Builder Rule on page 34)
- Boats, to be eligible to race in this Class, must be built to conform in every way to these measurement rules. A boat that does not meet all these requirements shall be ineligible to receive a Certificate of Measurement, but it retains its identifying number. Such boats cannot take part in any open or closed regattas whatsoever. The measurer must notify the Executive Director of any boats that cannot pass these requirements, giving the boat number, and the name and address of both the builder and owner.
- Nothing is optional in these plans, specifications or restrictions unless definitely stated as such.

- Hull**
- Thickness of sides, transom, sides of centerboard trunk and bottom:  
Fiberglass: 3mm (1/8") minimum  
Fiberglass and foam sandwich or fiberglass and honeycomb sandwich: 3mm (1/8") outer skin and 1.5mm (1/16") inner skin minimum  
Wood: density of 512 kg per cubic meter (.0185 lbs. per cubic inch) or greater. 13mm (1/2") minimum. Density of less than 512 kg per cubic meter (.0185 lbs. per cubic inch), 19mm (3/4") minimum.  
Plywood: 10mm (3/8") minimum.
  - Plywood and fiberglass: 10mm (3/8") minimum plus fiberglass.
  - Keel width 102mm (4") plus or minus 3mm (1/8") on flat under surface from stern to station 2 and minimum 51mm (2") wide at station 1.
  - Stem must be a smooth curve and it must follow the table of stem offsets shown on drawing.
  - Maximum chine radius is 19mm (3/4") at station 1, tapering to 3mm (1/8") at station 2, and is 3mm (1/8") from there aft.
  - Maximum lack of flatness aft of station 1 in any cross section is 3mm (1/8") per each 305mm (foot) of distance over which the lack of flatness is being checked (i.e. distance 305 mm = 3mm, distance 456 mm = 4.5 mm, distance 610 mm = 6 mm of lack of flatness).

- Deck**
- Thickness: Plywood: 6mm (1/4") minimum. Exterior grade maybe used.  
Fiberglass: 1.5mm (1/16"). Fiberglass and foam or honeycomb: 1.5mm (1/16") outer skin minimum.
  - Forward deck must extend the full width of the boat to a point at least 1842mm (72 1/2") aft of the stern.
  - 11.1 - Afterdeck minimum 457 mm (18") in length.
  - 11.2 - Maximum crown of deck 127 mm (5").
  - 11.3 - The top of the spray boards must be minimum 51 mm (2") vertically above deck for minimum of 610 mm (2') on either side of the centerline.
  - 11.4 - Maximum projection of deck or sheer molding beyond sheer is 32 mm (1 1/4") in a horizontal plane, level with the sheer.
  - 11.5 - The hole in the deck where the mast goes through the deck (partners) shall have a maximum size of 76mm (3") athwartship by 254mm (10") fore and aft. The front side of the hole shall not be more than 199mm (8 7/8") aft of the stern.

- Cockpit**
- Maximum width: 1016 mm (40"). If the deck alongside the cockpit curves down on a radius, the maximum width shall be checked at the intersection of the deck with a plane 51 mm (2") below the sheer. Cockpit corners may be square or rounded to any desired radius.

- Construction of Fiberglass Boats**
- Only professional boat builders certified by SCIRA can make fiberglass Snipe hulls (See Certified Builder Rule, page 34) Effective January 1, 1965, the construction of fiberglass hulls has been allowed under the same tolerances as approved by ISAF and now in effect for wood hulls. The loft lines do not show any sheer molding. Part or all of a sheer molding may be molded with hull. Each builder's method of construction of fiberglass boats must be approved by the Rules Committee. The thickness of the hull must be uniform except where reinforced locally such as at keel, the chine, the stem, the mast step, and where the stay anchorages and rudder gudgeons are attached. Increased thickness due to incorporation of flotation material in either the sides or bottom of the hull is not a violation of this requirement. If desired, the floorboards may be bonded directly to the bottom on the boat, omitting supports. A fiberglass and foam sandwich floor structure may be used. Wood and plywood are acceptable local reinforcements.
  - 13.1. All professionally built boats must be measured before leaving the factory by a measurer satisfactory to the builder and the national secretary. Boats not so measured are prohibited from competition at regattas above the local level until measurement is complete. Complete measurement includes a Moment of Inertia test.  
Materials: fiberglass cloth, woven roving or mat may be used, with either polyester or epoxy resins. Glass content must be at least 30% by weight.  
Deck: The deck may be plywood or it may be fiberglass. In general, a fiberglass deck will require some type of double surface and core construction for adequate stiffness.  
Flotation: .184 cu.m. (6 1/2" cubic feet) of Styrofoam, Urethane foam, or equivalent, having a density of 40 kg cu.m. (2 1/2 kg per cubic foot) minimum must be built into the hull. Balsa wood or foam enclosed in resin-impregnated fiberglass cloth is considered equivalent. Supposedly airtight compartments are not considered adequate.

MEASUREMENT DATA SHEET "H" (For all boats built after January 1, 2001, except as noted.)

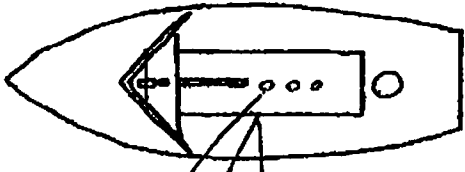
19 SCIRA MEASURER ITALY

30698



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Handwritten notes: '4,100 kg' and '122,800' with arrows pointing to the hull diagram.

Ballast location must be Marked On Diagram on Page 3 & 4

Amount of ballast 4,100 kg

The weight of this boat as outlined above is 122,800 kg

Weight Limit 37. The minimum weight, including mast, boom, rigging, mainmast, one whisker pole or whisker pole launching system, centerboard, rudder and tiller shall be 172.8 kg (381 lbs).

36. Boom shall be essentially straight and shall not be tapered nor have access to blocks or bolter. The depth of the boom at either end may be reduced for lighting holes.

35. A band 25mm (1") with the forward side located at 2559mm (8' 4 3/4") at the aft side of the mast (the mast includes the sail slot).

34. Aluminum booms must be made of alloy 6061T6 or equivalent.

33. The maximum depth of boom, including slot, shall be 102mm (4") and minimum 89mm (3 1/2") for a wood boom. Maximum width 76mm (3").

32. The boom length shall be 2642mm (8' 8") maximum, measured from the aft side of the mast.

31.4 All other rigging optional. Running rigging optional. So-called stream-line rigging not permitted.

31.3 The use of high elastic line (shock cord) to remove slack in the jib stay and between the strands and the mast is permitted.

31.2 The use of other suitable materials. Movement of the mast, fore and aft, or lateral, may be restricted by blocks at deck level. Fore and aft guys of a collar, cable or other suitable means.

31.1 Anchorage of stays and shrouds may be under deck. Shroud anchorages or through-deck fittings must be not more than 102mm (4") inside the sheer line and between 1778mm (70") and 1981mm (78") aft of the stern.

31. The jib stay must be all metal 2.5mm (3/32") minimum diameter. The other wire or rod and must be fastened to a tang or other deck fitting.

30. The mast with shrouds, stays, gooseneck, stay adjusters, spreaders and mainmast must have a jib stay and two side shrouds. No backing may be used.

29. Two bands of 25mm (1") width shall be painted around the mast in a (15'11" (4625mm) (16'3 3/8") (4962mm) (16'3 3/8") above the butt of the mast.

28. The shroud, jib stay, and jib halftard intersections with the surface of the mast shall be between 4470mm (14'8") and 4572mm (15'0") above the mast.

27. The lower edge of the top band to be not more than 6109mm (20' 11 1/4") below the lower edge of top band.

26. Mainmast bridle: any type or location permitted. May be adjusted.

25.8 Booms vang: no restriction.

25.7 Tiller extension: no restriction.

25.6 Hiking straps: no restriction on number or location.

25.5 Self-bailing cockpit: no restriction on method of construction.

25.4 Hiking straps: no restriction on number or location.

25.3 Tiller extension: no restriction.

25.2 Hiking straps: no restriction on number or location.

25.1 Hiking straps: no restriction on number or location.

- 52.14 Boats must carry wearable life preservers for all occupants at all times, and race committees may require wearing them when racing when they consider it necessary.
52.15 Suitable paddle or oar must be carried.
52.16 A towline of 10 meters (33') minimum length, and firm (1/4") minimum diameter must be carried. SCIRA makes no prescription on whether but some local authorities may require it.
52.17 There shall be no advertising matter whatever on the outside or inside of any boat or on its sails, except as allowed by the SCIRA Event Sponsorship Policy. Any boat violating this ruling shall not be issued or shall be subject to loss of measurement certificate.
52.18 Hiking seats, hiking boards, tapes, rigs and other artificial methods of supporting the skipper's or crew's weight to balance the boat are prohibited. This does not prevent the use of hiking straps or any kind of line or cord attached to the boat within 203 mm (8") of the top of the deck. It is permissible for the crew to hold on to the side stays.
Sentences marked "shall apply to boats, masts, booms and sails built after January 1, 2001."

Miscellaneous

- 52.13 No electronic devices other than timers shall be used on the boat.
52.12 Carbon, aramid fibers or other fibers or other grooved film shall not be used in hull construction or major equipment. Exotic materials may be used in running rigging fittings only if commercially manufactured and readily available on the open market at prices competitive with similar fittings and equipment.
52.11 The maximum overall length of the whisker pole is 2642mm (104') and it may not extend in front of the bow of the boat or aft of the boom and which was used in designing the boat.
52.10 All metric measurements are taken to the nearest millimeter. Questions must be resolved by using the customary system which is also shown.
52.9 Floorboards are optional.
52.8 Sliding gooseneck: may be on track or in slot in mast. Mast have some means to prevent downward movement beyond position giving mast-legal length of hull. The position of gooseneck may be changed while racing.
52.7 Mainmast dew orbital: any type permitted. May be adjusted while racing.
52.6 Mainmast bridle: any type or location permitted. May be adjusted.

Approved Options Not Covered Elsewhere

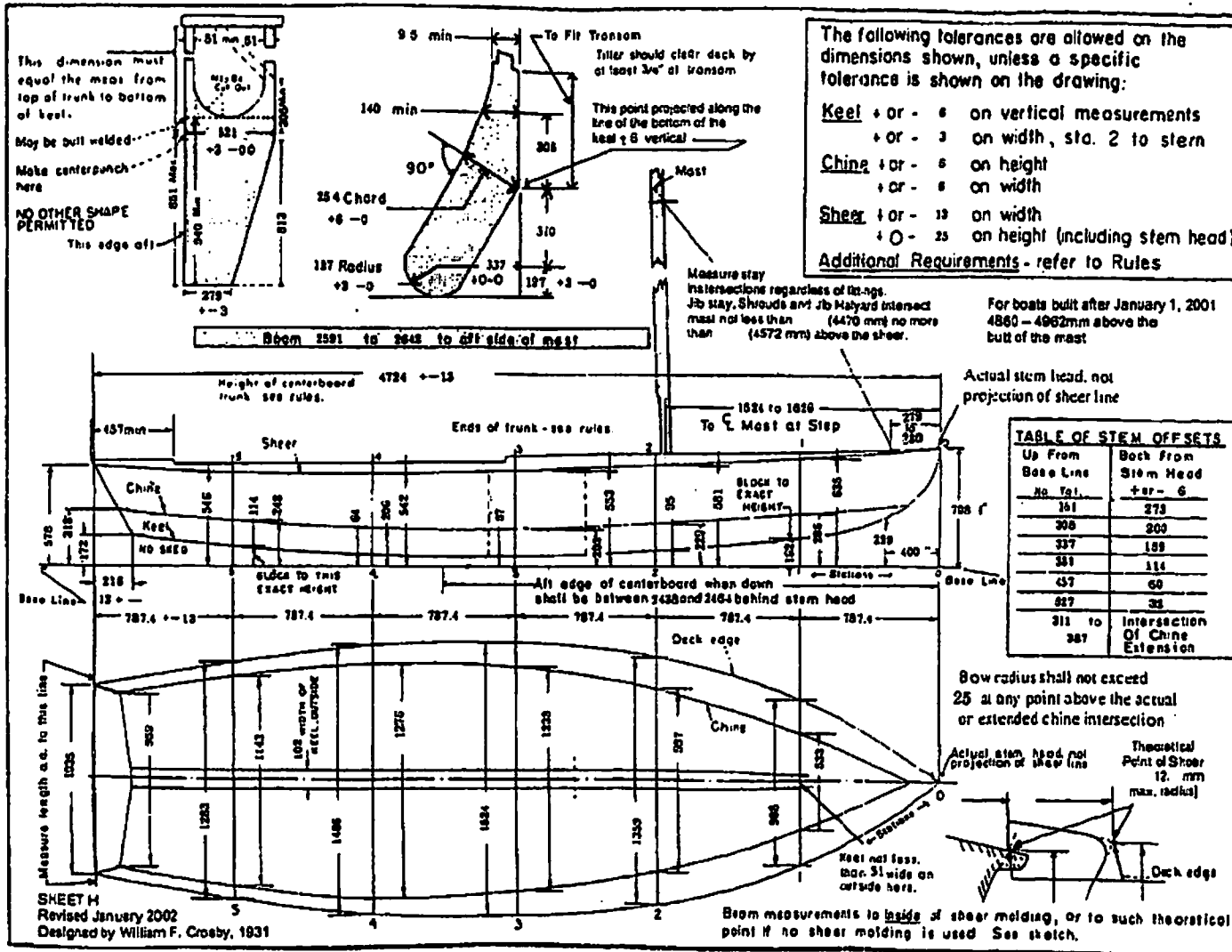
- 52. Self-bailing cockpit: no restriction on method of construction.
52.1 Hiking straps: no restriction on number or location.
52.2 Tiller extension: no restriction.
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52.13 No electronic devices other than timers shall be used on the boat.
52.14 Boats must carry wearable life preservers for all occupants at all times, and race committees may require wearing them when racing when they consider it necessary.
52.15 Suitable paddle or oar must be carried.
52.16 A towline of 10 meters (33') minimum length, and firm (1/4") minimum diameter must be carried. SCIRA makes no prescription on whether but some local authorities may require it.
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Sentences marked "shall apply to boats, masts, booms and sails built after January 1, 2001."

The boat shall be located as follows:

For all boats built after Jan. 1, 2001: The lower edge of the top band to be not more than 6109mm (20' 11 1/4") above the sheet (Need not be measured on boats built after Jan. 1, 2001).
The upper edge of lower band shall be at maximum 5112mm (16' 9 1/4") below the lower edge of top band.
While racing the main sail must be set so that its edges are within the inside edges of the bands.
30. The mast with shrouds, stays, gooseneck, stay adjusters, spreaders and mainmast must have a jib stay and two side shrouds. No backing may be used.
31. The jib stay must be all metal 2.5mm (3/32") minimum diameter. The other wire or rod and must be fastened to a tang or other deck fitting.
31.1 Anchorage of stays and shrouds may be under deck. Shroud anchorages or through-deck fittings must be not more than 102mm (4") inside the sheer line and between 1778mm (70") and 1981mm (78") aft of the stern.
31.2 The use of other suitable materials. Movement of the mast, fore and aft, or lateral, may be restricted by blocks at deck level. Fore and aft guys of a collar, cable or other suitable means.
31.3 The use of high elastic line (shock cord) to remove slack in the jib stay and between the strands and the mast is permitted.
31.4 All other rigging optional. Running rigging optional. So-called stream-line rigging not permitted.
32. The boom length shall be 2642mm (8' 8") maximum, measured from the aft side of the mast.
33. The maximum depth of boom, including slot, shall be 102mm (4") and minimum 89mm (3 1/2") for a wood boom. Maximum width 76mm (3").
34. Aluminum booms must be made of alloy 6061T6 or equivalent.
35. A band 25mm (1") with the forward side located at 2559mm (8' 4 3/4") at the aft side of the mast (the mast includes the sail slot).

**MEASURERS ARE CAUTIONED TO FILL OUT THIS DATA SHEET IN FULL AND AS ACCURATELY AS POSSIBLE:**  
 Those measurements found correct should be "circled" carefully on the drawing below, preferably with colored pencil.  
 If certain measurements are *not* within the limits shown, cover same on the drawing with an "X" and use a reference letter or line across to your marginal note, giving the actual measurement.

Briefly note exceptions here  
 (If additional explanatory sheet is attached, check...)



86908

I hereby certify that I am the official measurer of the SIGIANA Divisional Fleet Charter No. 30698  
 I certify and affirm that I have carefully measured this boat No. 30698 to the best of my ability and that all the measurements written herein or checked by me were found to be exactly as indicated. I have not willfully sworn to this before any accredited notary public.  
 (Date) 23/05/08 (Measurer's Signature) [Signature]

Note: The Fleet Measurer must under no circumstances give the Certificate of Measurement to the owner unless he is positive that the boat fully complies with these restrictions. If positive, the Measurer gives the Certificate to the owner and sends this Data Sheet to the Secretary.

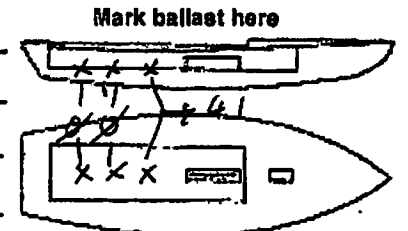
**Snipe Class International Racing Association  
MEASUREMENT CERTIFICATE**

Hull number 30608 Year of manufacturer 2008

Builder DB MARINE Model # MK V

Owner DB MARINE

Country ITALY  
Weight 172.8  
Ballast 4.1  
MOI 727.6



Measurer/s \_\_\_\_\_

Date of measurement 05.23.2008

Measurer or National Secretary  
stamp and signature \_\_\_\_\_

I hereby agree to all SCIRA rules and by-laws. I agree to notify a SCIRA measurer if any equipment modified, replaced and/or transferred.  
SCIRA reserves the right to measure this boat and any equipment at any time.

Owner signature \_\_\_\_\_

Date \_\_\_\_\_

**THIS CERTIFICATE REMAINS WITH THE OWNER OF THIS  
SNIPE. IT CAN BE REPLACED BY REMEASUREMENT.**



# Snipe Class International Racing Association MEASUREMENT CERTIFICATE

Hull number 30968 Year of manufacturer 2011

Builder DB MARINE Model # MK V

Owner HIRO SIGE

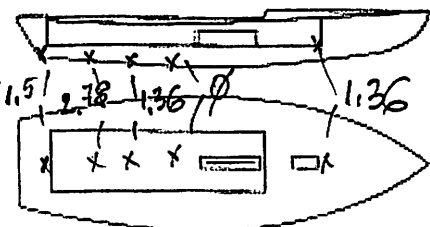
Country JAPAN

Weight 172.8

Ballast 7.0

MOI 727.6

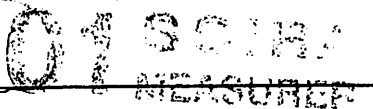
Mark ballast here



Measurer/s GIORGIO BREZICH

Date of measurement 04.27.2011

Measurer or National Secretary  
stamp and signature



I hereby agree to all SCIRA rules and by-laws. I agree to notify a SCIRA measurer if any equipment modified, replaced and/or transferred.

SCIRA reserves the right to measure this boat and any equipment at any time.

Owner signature \_\_\_\_\_

Date \_\_\_\_\_

THIS CERTIFICATE REMAINS WITH THE OWNER OF THIS  
SNIPE. IT CAN BE REPLACED BY REMEASUREMENT.