

INTERNATIONAL DOLPHIN 81 CLASS MEASUREMENT FORM

Version 1.9 2005



++ IT IS MANDATORY TO FOLLOW THE DOLPHIN 81 MEASUREMENT INSTRUCTIONS
ON www.dolphin81.ch ++
++ to be filled out with a **black** pencil ++

Boat hull No:

Manufacturing Date:

		kg	Comments :
Minimum racing weight	1	1010	1. As defined in - rule - C.6.2 (c)
Weight of boat shop stripped, minimum 950 kg, incl. laminated corrector weights	2	<input type="text"/>	2. Boat weighted in dry conditions, including; rig ready to sail, lifting slings, engine support, all sheets needed to sail, one spinnaker pole, one cockpit hatch, two cushions, all floor panels, four wooden panels, two mast supports; but <i>without</i> other mandatory portable equipment - rule - C.6.2 (a)
Indicate with a cross when boat has been weighted during this measurement		<input type="checkbox"/>	→ choose either to weight the boat actually or to take the value from manufacturing measurement form → if actually weighted and flotation devices are installed the measured weight shall be reduced by 3 kg before set into field 2.
Weight of sails and flotation devices	3	20	3. Minimum weights: sails 17 kg; flotation devices 3 kg.
Combined minimum weight for battery(min 4kg), anchor(min 4kg), engine (min 16kg)	4	<input type="text"/> <i>from 24-40kg</i>	4. Calculate (1 - 2 - 3 = 4) or put in the minimal combined weight 24 kg if its higher; check minimum weight for each equipment - rule - C.5. Skipper shall assure that this combined weight (4) is on board when racing.
Total corrector weights * installed to achieve weight (2)	5	<input type="text"/>	5. Corrector weights laminated to the hull at defined positions - rule - C.6.3

MEASURER'S DECLARATION:

I certify that the above mentioned boat and rig conforms to the measurements indicated, to the best of my knowledge to current measurement and actual class rules.

NAME OF MEASURER _____ CERTIFIED BY NA _____

DATE AND MEASURER'S SIGNATURE _____

SAIL N° _____ at the time of 1st measurement _____ PRESENT SAIL N° _____

HULL NUMBER _____ MAST NUMBER _____

OWNER'S NAME _____ CLUB _____

LOCATION WHERE MEASURED _____

OWNER'S DECLARATION:

NAME OF YACHT _____ COMPLETE HULL NUMBER _____

OWNER NAME _____ TEL _____

ADDRESS _____ POSTCODE / CITY _____

CO-OWNER _____ TEL _____

ADDRESS _____ POSTCODE / CITY _____

COUNTRY OF NATIONAL CLASS ASSOCIATION _____

I undertake to race this yacht only so long as I maintain it in conformity with the actual class rules. I declare that only sails, spars etc. which have been measured and found to be in accordance with the rules will be used. I also undertake that corrector weights (if any) will not be altered or removed except when carried out in conjunction with an official re-weighting.

DATE: _____ OWNER'S SIGNATURE: _____

TO HAVE THIS DOLPHIN 81 MEASUREMENT FORM CERTIFIED & REGISTERED

- The **builder** shall obtain a hull number from the licence owner Maxi Dolphin.
- The **builder** completes the form and signs builder's declaration on this measurement form.
- Deliver one copy with the yacht and one copy to the licence owner.
- An official measurer measures the yacht and sends the measurement form to the MNA measurement office.
- MNA measurement office adds a uniform front page and sends the complete form to the **yacht's owner**.
- The **yacht's owner** shall complete and sign owner's declaration.
- Change of ownership invalidates the Measurement Certificate and a re-registration and re-certification is requested. The new owner shall obtain an appendix measurement form from his NCA, sign the owner's declaration and submit it to his NCA with a copy of the previous owners measurement form, the change of ownership declaration.
- If alterations to the boat have been made, the yacht shall be re-measured.

BUILDER MEASUREMENTS & DECLARATIONS

To be signed by the licensed builder

I certify that this yacht has been built out of class approved moulds and constructed according to the official plans, specifications, Dolphin 81 class rules and the licensing agreement in effect and in accordance with the spirit and to the letter of these rules and agreements. I also hereby certify that the measurements and weights entered in Plan A attached and entered below were accurate and taken prior to the delivery of the yacht.

BUILDER'S NAME _____ AUTHORISED SIGNATURE _____ DATE _____

DOLPHIN 81 - MEASUREMENT FORM
HULL and APPENDAGES

Linear measurements in millimetres, weights in kilograms

ITEM	RULE	MEASUREMENT	MINIMUM	ACTUAL	MAXIMUM
1	E.3.8	Keel weight copied from the manufacturing measurement form	420		425
2	E.3.7	Keel width at upper section	895		905
3	E.3.7	Keel width at lower section	445*		455
4	E.3.7	Length of the keel	1295		1305*
5	E.3.7	Thickness of the keel upper part	102		112
6	E.3.7	Thickness of the keel lower part	64		73
7	E.4.7	Rudder conform to specifications	yes		no

The following items shall additionally be minimal checked:

- Position of keel incl. tip; position of rudder; position of forestay and shroud fittings;
- longitudinal position of the mast hole; position of genoa and jib tracks and max. movement of blocks

RIG, SPARS

ITEM	RULE	MEASUREMENT			
8	F.3.8	Lower mast point height	-		1010
9	F.3.8	Upper mast point height	-		10600
10	F.3.8	Distance between upper and lower mast point height	-		9600
11	F.3.8	Forestay height	-		8765
12	F.3.8	7/8 Spinnaker hoist height	-		8855
13	F.3.8	Top Spinnaker hoist height	-		10600
14	F.3.8	Spinnaker pole fitting height	-		1800
15	F.4.8	Boom point distance	-		3600
16	F.5.8	Spinnaker pole overall length	-		3600

* For boats with manufacturing date up to 1996 (incl) the following deviations are accepted:

- Length of the keel: maximum of 1355 mm
- Keel width at lower section: minimum of 425 mm
- Corrector weights: maximum 100 kg