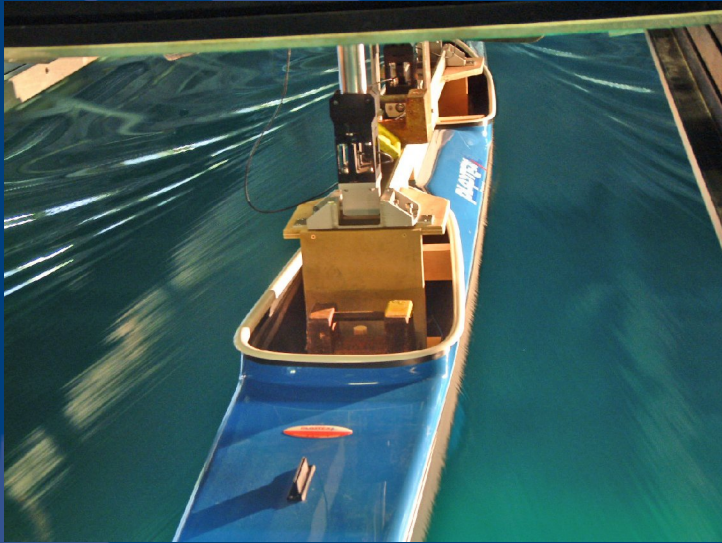


GB Canoeing – Boat Preparation Guidelines



The following guidelines are a result of the research work undertaken by GB Canoeing, QinetiQ Defence Technology, Wolfson Unit for Marine Technology and Industrial Aerodynamics - Southampton University & David Heritage Racing Yachts.

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GB Canoeing – Boat Maintenance – Key Points

- Front 2m of boat must be as smooth as possible, with no sharp points or damage.
- Aft of this general good maintenance and smooth to the touch
- Polish stops dirt attaching to boat and slows UV damage.

GB Canoeing – Boat Preparation – Old Boat

1. Clean hull with warm soapy water
2. Wash hull with clean fresh water
3. Fill and fair any large defects. Wet sand areas of hull with 200-240 grit wet-n-dry sandpaper. A sanding block should be used. Sanding direction should be predominantly in fore and aft direction.
4. Wet sand entire hull with 400 grade wet-n-dry sandpaper. Again sanding direction should be predominantly in fore and aft direction. A sanding block should be used.
5. Wet sand front 2m of hull with 1000 grade wet-n-dry sandpaper. Direction of sanding stroke is not vital , but better to be in fore and aft direction.
6. Polish entire hull, using a suitable GRP polish to prevent dirt adhering and UV damage. Use a buffer wheel or hand polish.

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GB Canoeing – Boat Preparation – New Boat

1. Clean hull with warm soapy water
2. Rinse hull with clean fresh water
3. Lightly wet sand entire hull with 1000 grit wet-n-dry sandpaper. Direction of sanding stroke is not vital, but even strokes in fore and aft direction are preferred. Guide-coat may be used as optical aid to remove weave marks etc.
4. Polish entire hull, using a suitable marine GRP polish, buffer wheel or hand polish.

GB Canoeing – Boat Preparation - Rudders

1. Free play should be minimised and checked after travelling.
2. Nelo Speedfin type shape appears to be most hydrodynamically correct.
3. Rudder angle should never exceed 14 degrees of turn.
4. Leading edge should be smooth.

GB Canoeing – Tuning Kit and Consumables

Wet-n-Dry 180, 280, 400, 600, 800, 1000, 1200 grade – 10 sheets each

Sanding block (half sheet hand held)

Sanding block 300mm

Detergent – washing up liquid

Boat cleaning shampoo

Sponges

Abrasive Polish (Farecla G3 G6 or similar)

Boat Polish (Starbright or similar)

Guidecoat

Rags

Polishing Cloths

Buffing Wheel and mops

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GB Canoeing – Suppliers

GRP Structures Ltd.

Fitzherbert Road

Farlington

Portsmouth

PO6 1RU – 023929 2379990

http://www.cfsnet.co.uk/acatalog/CFS_Catalogue_Polishing_and_Sanding_69.html

GPB 15.05.06

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