

## **CATRIANA – draft specifications**

The hulls are recovered from the original "Triana." Each hull is asymmetrical, constructed from strip planked, epoxy-sheathed Paulownia over foam formers bonded to the original A-Class catamaran hulls. This increased the volume of each hull by approximately 120%. The existing deck aft of the fore-beam will be removed, raised and strengthened with a new deck section that includes foot-wells that also allow access for reinforcement of the beam fixings. The exterior surfaces will be sanded back to the glass sheathing, repaired and faired as necessary.

New plywood box beams will be bolted to the existing alloy beams. These will strengthen the structure, raise the clearance and provide mounting for the cabin

Mini keels will replace the existing centreboards – also adding rigidity to the hull structures.

An integral box beam creates the back of the cockpit area and is the division between the cabin and the cockpit. A second beam is located between the cockpit and the aft deck, this one doubles as a seat.

The aft box beam permits the mounting of a 8 - 9.9hp outboard engine mounted centrally. The aft ends of the existing hulls will be modified for easy access to the water.

The rig will be recovered 5 mm S/S from the trimaran and the sails will be recut from existing sails OR sourced from an 18' beach cat.

The cabin interior will be simple with single fore & aft berths, doubling as seating either side. A small galley and table will be positioned forward of the mast.

Proposed specifications are similar to Spirited Designs "Seascape"

Loa 6.1 m including swim-deck  
Beam 2.5 m (max legal trailerable width)  
Draft 250 mm (plus mini keels)  
Displacement approx 850 Kg  
Bridge-deck clearance 400 mm  
Mast height 8 metres (subject to recovery length)  
Payload 400 Kg  
Engine 1 X 8 Hp outboard  
Fuel capacity 50 litres  
Fresh water capacity 50 litres  
Berth 2 X singles  
Cabin headroom 900 mm above berths  
Estimated sail speed 10 knots  
Speed under engine 6 knots

