

Pedigree Cats Inc.



2007 Shuttleworth 52 AeroRig



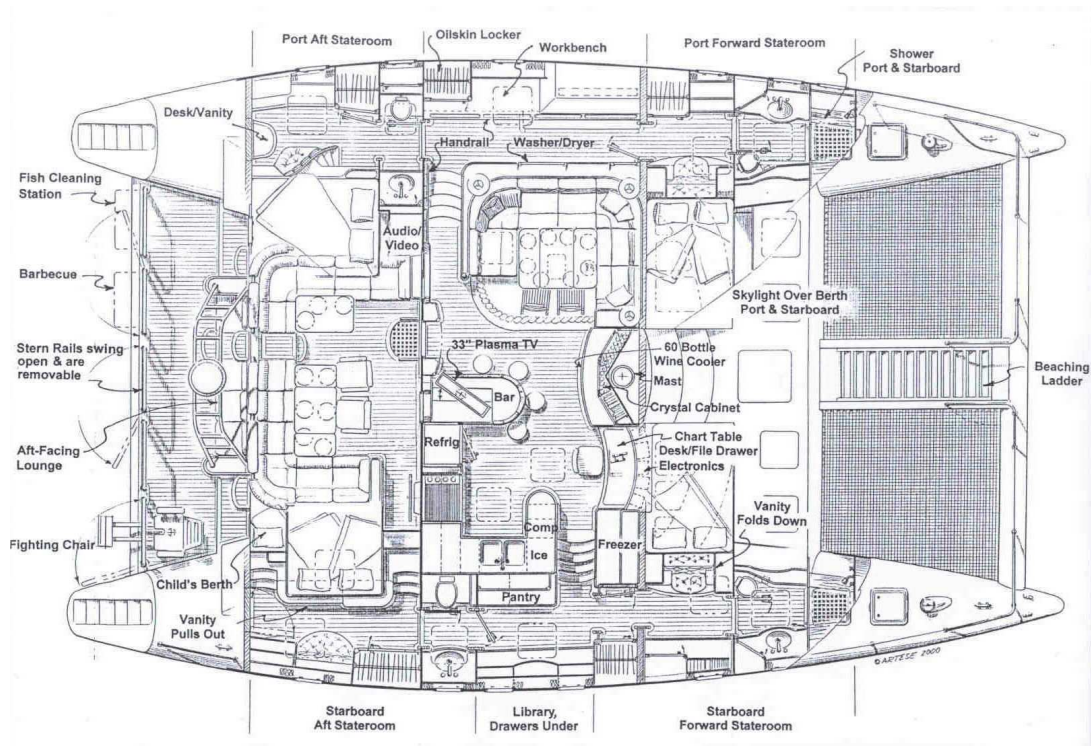
This custom catamaran was designed by John Shuttleworth, a leading high performance catamaran designer from England. He was contracted to design a fast, smooth, safe cat that would support the newest idea of self sailing rigging, the AeroRig®. The result is the Shuttleworth 52.

She is constructed of Airex® foam core, carbon fibers, Kevlar, E-glass, and epoxy resin. Her length overall is 52'2" with a beam overall of 33'6". She has a draft of 2'10" with kickup rudders. She is powered by twin 59 horsepower Volvo diesel with Sail Drives. Her displacement is 16,500.

This Shuttleworth 52 AeroRig® has been featured as the "V12 Jaguar of cruising" by [Carbospars Ltd, the builders of this free-standing, carbon fiber mast, the AeroRig®](#). This mast will assist the sailor in a virtual self sailing environment. It has been designed so the majority of the handling can be done by one person from the cockpit. Additional structural reinforcements were designed into the main beam and adjoining cabin top, as well as where the mast pivots in a recessed area on the bridge deck.

All the structural components have already been constructed and the primary fairing completed. She has four staterooms and four heads in the starboard and port hulls. Hanging lockers and other storage have been designed as intrinsic features.

The main salon design contains the galley, navigation station, and a formal seating area with table for 6-8 people.



(Note: Head/vanity added to starboard aft stateroom forward of berth.
Center settee area replaced by wine cabinet.)

The current design of the galley features a U-shaped galley with a refrigerator, Gas stove and oven, microwave, trash compactor and ice maker. The counter space is abundant as is the amount of storage in the galley and just forward. The cockpit features a large U-shaped seating area in the cockpit with easy access aft to the hulls and to the dingy deck and aft seating with storage and live bait compartment.

Shuttleworth AeroRig 52'		
Length Overall	52'2"	15.85m
Beam Overall	33'6"	10.06m
Draft	2'10"	.76m
Displacement	16,500 lbs	7,500 kg
Just weighed with mast onboard ~ 12,500 lbs		
Power	2x59 hp Volvo diesels	Sail Drives