

# SANTA CRUZ YACHT CLUB

244 Fourth Avenue, Santa Cruz, CA 95062,

## 2007-2008 SCYC Minimum Equipment Requirements for Multihulls

The SCYC Minimum Equipment Requirements are patterned after the US Edition ISAF Offshore Special Regulations (OSR) 2006-2007. Where the OSR recognizes six categories of racing events, SCYC is involved with four. In addition, there are some inconsistencies between OSR requirements and SCYC racing needs. Hence, SCYC categorizations and requirements are somewhat different.

Following are category descriptions:

**Race Category 2:** Coastal races such as Santa Cruz- Santa Barbara, Santa Cruz-San Francisco, etc. Windjammers etc.

**Race Category 3:** PHRF and other ocean races between Point Pinos and Davenport.

**Race Category 4:** Sailing around buoy-enclosed courses between Capitola and Natural Bridges, out 2.5 miles.

**Race Category 5:** Protected water, from the San Lorenzo river mouth, out 2.25 miles.

For SCYC events, the following minimum equipment requirements are in effect:

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Race Category				OSR Ref.	Requirement
5	4	3	2		
	*	*	*	None	Minimum waterline of 18'
	*	*	*	3.05.1	Adequate watertight compartments or flotation so that multihull is effectively unsinkable & capable of floating in a stable position with at least half the length of one hull flooded
			*	3.07.2(a)	Multihull over 39' – must have an escape hatch above the water line when inverted
			*	3.07.3(a)	Multihull under 39' – must have an escape hatch or tools necessary to cut an escape hole when inverted
	*	*	*	3.09.1	Self draining cockpit
		*	*	3.10	Sea cocks or valves for all through hull fittings, except speed indicators, depth finders, & like
*	*	*	*	3.15	Horizontal nets or trampolines are required to be durable webbing, fixed at regular intervals & shall carry the weight of the crew in normal working conditions (the word “net” is interchangeable with “trampoline”)
		*	*	3.18.2	Head or fitted bucket
		*	*	3.19.2	Permanently installed bunks
			*	3.20.1	Stove capable of safe operation at sea
			*	3.21.1	Water tank
		*	*	3.21.2	Water or equivalent (1 liter/ person/ day)
			*	3.23.5	Installed manual bilge pump
		*	*	3.23.5	Manually operated bilge pump operable with all cockpit seats, hatches, and companionways close
*	*			3.23.5	Boat shall carry a bilge pump, a bucket for bailing
	*	*	*	3.23.5	Two buckets
		*	*	3.24.1	Properly installed and adjusted compass
			*	3.24.1	Second compass
		*	*	3.27	Running lights which remain unobstructed by sails
*	*	*	*	3.28.3(e)	Shut off valves or disconnect on all fuel tanks
	*	*	*	3.29.1	VHF radio (Channels 6, 16, 22, 68, 72) Hand Held OK for Cat 4 only
		*	*	4.03	Tapered plugs for all through hull fittings
			*	4.04.1	Cockpit to bow jack lines
	*	*	*	4.05.1	Fire extinguisher
	*	*	*	4.06.1	Suitable anchor and rode
			*	4.06.1	Second anchor and rode

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5	4	3	2		
	*	*	*	4.07.1	Water resistant flashlight
		*	*	4.08	First aid kit and manual
			*	4.10	Radar reflector
		*	*	4.11.1	Charts of the racing area and equipment for piloting
		*	*	4.11.2	Radio Direction Finder, Loran- C, or GPS
			*	4.13	Working depth sounder or 100' lead line
			*	4.14	Knot meter or log
			*	4.15.1	Emergency tiller
			*	4.15.1	Emergency steering method
		*	*	4.16	Rigging cutters or hacksaw and spare blades
		*	*	4.17	Yacht's name on miscellaneous buoyant equipment
			*	4.19	EPIRB 406 MHz
			*	4.20	Certified, self- inflating life raft with canopy
		*	*	4.22	Lifesling (recommended for Cat 4 )
	*			None	Throwable horse shoe buoy/ cockpit cushion
			*	4.22	Crew Overboard Equipment handy to helmsman
		*	*	4.22	Horseshoe buoy with strobe attached or Man Overboard Module (MOM)
		*	*	4.23.1	SOLAS red hand flares, 4 each
		*	*	4.23.1	SOLAS red parachute flares, 4 each
			*	4.23.1	SOLAS orange smoke signals, 2 each
	*				Coast Guard approved red hand flares, 3 each
		*			Coast Guard approved smoke signals, 2 each
	*	*	*	4.24	Heaving line in cockpit
*				None	20' floating tow line fastened to spar
*	*	*	*	5.01	Lifejackets for each crew member
*	*	*	*	5.01	Whistle attached to all life jackets
*	*	*	*	5.01	Each participant to wear life jackets while racing
			*	5.02	Safety harness for each crew member

It is expected that all U.S. Coast Guard safety requirements be met. The following items are recommended equipment for all races over 100 miles, but could be useful at any time:

1. Engine and propeller combination capable of driving boat at waterline speed for adequate range.
2. Life raft with canopy, food, water, and signaling equipment and flares.