



Santa Cruz Port District
&
Santa Cruz Yacht Club Corinthians



NOTICE OF COMPETITION

2014 Cardboard Kayak Race
September 14, 2014

WHY:

Aside from *Why Not?* To celebrate Santa Cruz Harbor's 50th Anniversary and have fun!

THE COMPETITION:

To design and build a human-powered boat made of corrugated cardboard capable of completing a short course in the Santa Cruz Harbor. The Cardboard Kayak Race is designed to be a fun and wacky race. It does not matter how fast, slow, big, small, sensible or outrageous the boat is, the first rule is that designers, builders, racers and spectators have a *crazy* good time.

Just because it is called a "Kayak" does not mean it has to look like one – pirate ships, riverboats, sports cars, submarines, tacos, animals, guitars, shoes, dragons, and many more creative ideas are welcome. Costumes are *highly* encouraged.

BOAT CLASS CATEGORIES:

Class I: Build & Race

Teams are given one hour to construct a kayak type contraption using only cardboard, duct tape, felt tip markers, and a utility knife. Each team will be provided with the required materials on the day of the race.

Class II: Build-at-Home

Teams who are interested in taking a more thoughtful approach to their design may construct their kayaks at home prior to the day of the event.

*For both classes construction and design teams may be as large as necessary (cheerleaders and supporters are wildly encouraged), however, *only one (1) to four (4) racers are permitted* in the boats.

1. MATERIALS & DESIGN

Class I: Boats will be limited to the supplies provided by event organizers on the day of the race, no outside supplies are permitted.

Class II: Class I boats are subject to the following guidelines:

1.1 HULL DESIGN

- 1.1.1 The hull construction material must be corrugated cardboard.
- 1.1.2 Non-corrugated cardboard may not be used, especially the kind with resin or wax-type coating. No solid cardboard and no carpet roll tubes may be used.
- 1.1.3 Any weight and thickness of corrugated is permitted.
- 1.1.4 All major and minor supports for the hull must be corrugated. No other material (wood, metal, plastic, etc.) can be used to give the hull support or rigidity.
- 1.1.5 Corrugated cannot be bonded to any other substance. This means vinyl coatings like saran wrap, plastic sheets or covering the hull entirely with tape is not permitted.

- 1.1.6 Joints and seams may be glued and/or taped. Duct tape, contact cement, rubber cement or construction adhesive may be used. No nails or metal or wood fasteners or staples may be used.
- 1.1.7 Any tape may be used on seams but may not be used more than three (3) inches from a seam or edge.
- 1.1.8 "Buoyancy aids" are not permitted. Wood, metal, Styrofoam, rubber/vinyl/plastic inflation devices may not be used to aid or maintain flotation.
- 1.1.9 No sandbags or similar materials may be used for ballast.
- 1.1.10 Boats should be no longer than 15 feet in length.

1.2 OTHER BOAT PARTS

- 1.2.1 Materials other than cardboard can be used for boat parts that are added to the hull. For example wood, metal, non-corrugated cardboard can be used for oar locks, rudder, centerboard. However they may not contribute to the overall structural makeup of the boat in any but a minor way. For example if you have a 10 ft boat with 5 ft long oar locks to make the boat stiffer this is not acceptable. Sheet metal is not permitted.
- 1.2.2 Oars, paddles, wheels and other propulsion devices, steering systems, must be made of corrugated cardboard.
- 1.2.3 Decorations may be made from any material, but may not be used to reinforce the actual structure or buoyancy of the boat.

1.3 WATERPROOFING

- 1.3.1 Two-part waterproofing substances are not allowed. These include epoxy, fiberglass paints and varnishes that require the addition of a catalyst.
- 1.3.2 No tar or tarpaper is allowed
- 1.3.3 Hulls may not be "wrapped" in anything. This includes plastic, duct tape or anything else. The hull may not be covered entirely by tape. Use of tape is covered in 1.1.7
- 1.3.4 For Class II boats, hulls may be painted in a water-soluble paint. In fact, color and creativity are seriously encouraged!

1.4 OTHER CONSTRUCTION

- 1.4.1 For multi hulls (catamarans, tri-hulls, outrigger type boats) materials other than corrugated may not be used to connect hulls.

- 1.5 Boats are subject to inspection and disqualification, unless violations can be rectified before the start of competition.

2 SAFETY

- 2.1 All racers are required to provide and wear Coast Guard approved life jackets and shoes.
- 2.2 Hulls should not contain any sharp, pointy objects, sharp edges or anything that may pose a danger to the occupants or others.
- 2.3 No intentional physical contact or unsportsmanlike conduct will be allowed. Splashing is, of course, encouraged!
- 2.4 All entrants must ensure that their portion of the construction and staging areas has been cleaned prior to departure. The Port District will provide garbage and recycling containers in the area. All boats must be removed from the area or cut apart and placed in trash containers.
- 2.5 Boats are subject to inspection and disqualification, unless violations can be rectified before the start of competition.

3 ELIGIBILITY & ENTRY

- 3.1 The competition is open to everyone, big, small, old, young (see 3.2 for on-the-water age limits)
- 3.2 Cardboard kayak occupants during the on-the-water portion of the competition must be 10 years of age or older and there must be one racer 16 years or older.
- 3.3 Eligible boats may enter by completing the online entry form at www.regattanetwork.com/event/9018
- 3.4 For more information, contact Marian Olin or Holland MacLaurie at Santa Cruz Harbor, (831) 475-6161.
- 3.5 Registration is limited to 30 for Build at Home and 30 for Build & Race.
- 3.6 Registration closes for the Build-at-Home 1 day prior to the competition, and one hour before the race for the Build and Race.

4 FEES

- 4.1 Entry fee for Class I (Build & Race) is \$40.00
- 4.2 Entry fee for Class II (Build At Home) is \$25.00
- 4.3 All proceeds benefit the Santa Cruz Yacht Club Corinthians
- 4.4 All entry fees are nonrefundable

5 SCHEDULES

- 5.1 Registration and Check-In from 12:30pm to 1:00pm on Sunday, 9/14/14
- 5.2 A competitors' meeting is scheduled for 1:00pm on Sunday, 9/14/14 in the launch ramp parking area adjacent to the Santa Cruz Harbor office, 135 5th Avenue, Santa Cruz, CA.
- 5.3 Build & Race competitors may begin construction at 1:30pm on Sunday, 9/14/14
- 5.4 Class II inspection and judging of boats will be held at 2:00pm
- 5.5 Class I inspection and judging of boats will be held at 2:30pm
- 5.6 The scheduled time of the first race is 3:00pm
- 5.7 There will be an awards ceremony following the races.

6 RACING INSTRUCTIONS

- 6.1 The Racing Instructions will be available at the competitors' meeting and online at www.santacruzharbor.org under the Santa Cruz Harbor 50th Anniversary Event Calendar link and www.regattanetwork.com/event/9018

7 LOCATION

- 7.1 Racing will be around round orange buoys in the southern launch ramp area of the Santa Cruz Harbor.

8 COURSES

- 8.1 A course diagram will be provided in the Racing Instructions.

9 SCORING

- 9.1 Boats will be scored based on their time around the course, or if they were able to float at all
- 9.2 If the course is not completed, boats will be scored based on the distance covered or length of float time

10 AWARDS

- 10.1 Each class will have awards for the following categories:
 - First In Class: Fastest time around the course
 - Best In Show: Combination of factors including construction, decoration, and design
 - Ugliest Boat Award: Need we say more?
 - Titanic Award: The most spectacular sinking
 - Team Spirit Award: Who is the best-dressed, rowdiest, and most fun?

10.2 Prizes and awards will be determined at the discretion of the organizing authority, judges and crowd reactions.

11 INFORMATION

11.1 For additional information, please email Holland at hmaclaurie@santacruzharbor.org