Raingutter Regatta Rules and Tips/Hints Sheet Raingutter Regatta Rules Nothing may extend past front point or rear point of outriggers, so maximum total boat length is 6 3/4 inches Maximum boat hull width (not counting sail) is 3 3/8 inches – if you have parts sticking out from sides you will hit the gutter and go slow Must use all parts from kit (2 outriggers, trimaran hull, 4 screws, mast, and sail) No motors or other power sources allowed, boats must run on Scout wind power only Mast must not be shortened and sail size must not be increased NEW RULE: Sails cannot be creased, folded or wrapped around boat mast - must use two holes in sail and main sail between holes must not touch front of mast. See below for best "legal" sail configuration. NO WATER-BASED PAINT MAY BE USED - DUH!! Otherwise no restrictions on weight (remember, heavier is slower) or embellishments/decorations Step 1: Shape the outriggers using sandpaper (or nail file) Don't round the top edges Shape the outriggers to slice through the water Top Be gentle! Balsa wood Outrigger - Side view is very soft and will Front Rear 3/4" tall by 6 11/16" long break easily!! Outrigger Center Outrigger + Top view Round front, them too Front  $\otimes$  $\otimes$ Rear 1/2" wide by 6 11/16" long bottom, and rear edges !-won't float Step 2: Assemble boat per instructions Mounting to hull: Center hull on outriggers (suggested holes are already marked) **Front**  $\otimes$ Plastic Hull  $\otimes$ Rear Note: Gluing mast in is Equipped Hull Center of Gravity Tip: Tape or tie down your sail so it optional does not turn during the race Step 3: Paint your boat (with sail removed) Step 4: Tune and decorate your sail Decorate sail Spray paint looks the best and is easiest to do, but you can also paint with a New rule: Sails cannot be creased, with stickers brush if you don't have spray paint. The trick to a smooth finish is to use a folded or wrapped around boat mast or Sharpies SANDABLE primer first - I get mine from Home Depot - Rustoleum Painter's must use two holes in sail and main Touch Ultra Cover Primer (white) for about \$3 or even drywall primer paint sail between holes must not touch Mast goes like Kilz. You can lightly sand the 1st coat before applying the 2nd coat of front of mast. through primer and then lightly sand it again before the color coat of spray paint. My For best (legal) performance: both holes favorite finish spray paint is Krylon gloss spray paint which is cheapest at in sail Mast in 1. Fold the sail (toward the back Walmart (around \$3). Remember: NO water-based paints allowed !! of boat) along the two red front of Mast lines so that it does not sail If you apply more than one finish color or a clear gloss coat, sometimes it will behind extend past the outriggers. wrinkle the paint. I usually stay away from the clear gloss coats for this This prevents dragging on sail reason, and when you apply colors make sure they hit primer and not an the gutter sides. underlying color. You can use masking tape to mask off the areas for the 2. Push the sail down the mast different finish colors (e.g. like a stripe down the middle, etc.). as far as it will go. This 1. Fold minimizes tipping when Fold Here are the recommended steps for painting your boat: you blow during race sail to 1. Wipe off any sanding dust from your boat sail to Stick to with a tack cloth. rear hold on to 2. Using tape, attach an old stick to the bottom while 2. Sail of your boat which you can hold while 2. Sail painting painting. touches hull touches hull 3. Apply two coats of primer paint, allow to dry 30 minutes between coats and 2 hours after the 2nd coat. Step 5: Add a 4. Sand lightly with 320 grit sandpaper, then vacuum and/or wipe off super cool dust with a tack cloth. captain 5. Apply two or more light coats of spray paint 2014 version

Don't make

skinny -

of your choice.