

Rigging the New Tech Dinghy Step-by-Step

Section	Quick Summary	More Detailed Description
Hull	1a - Find an unused New Tech. 1b - Put in plug. 1c - Bail out any water. 1d - Remove the cradle securing lines.	1a - Find a Tech hull that is not being used. 1b - Put in plug. (Can check tanks if you want.) 1c - Bail out any water. 1d - Uncleat the cradle securing lines and unwrap from the stays.
Mast	2a - Check positioning of mast. 2b - Check/adjust the sidestay wires. 2c - Adjust the forestay tension. 2d - Check boom is attached to mast.	2a - The mast generally stays in the boat. It is attached with adjustable turnbuckles on the sidestays and has a cleatable tensioning line for the forestay. 2b - Sidestays can be loosened or tightened by pushing down the bottom clip, turning the stay tightener as needed, and reattaching the clip. Pull the mast forward to see that it doesn't hit the boat when tensioned. If it does touch any part of the foredeck area, adjust the sidestay wires. 2c - Secure the forestay wire: while pulling the mast forward, pull the rope attached to the forestay through the cleat (just moderately tight). 2d - Boom should be attached to the pin on the mast. This will be held in place by friction and tension from the outhaul and vang.
On-the-Dock Setup	3a - Put on a lifejacket. 3b - Get a rudder. 3c - Get a sail. 3d - Loosen all 4 Vang and Outhaul lines completely. 3e - Tie halyard to top of sail with Stunsail Tack Bend. 3f - Raise the sail in the mast a little and cleat off on starboard side. 3g - Slider on back corner of sail into end of boom. Attach outhaul line/ball. 3h - Adjust/cleat the outhaul lines. 3i - Put front-bottom slider into mast track.	3a - Put on a lifejacket. 3b - Get a rudder from Bay 1 and put it in the back of the boat. 3c - Get a sail from Bay 1 (or a storm sail if needed). New Tech sails currently on the top of the bookshelf. 3d - Uncleat and loosen all 4 of the boom vang and outhaul lines. 3e - Unwrap/untie the ends of the halyard line and attach the end on the port (left) side to the top of the sail using a Stunsail Tack Bend knot. 3f - Raise the sail in the mast a foot or two (30-60 cm) and cleat the front end straight down the mast to the cleat on the starboard (right-hand) side. 3g - Follow the back edge of the sail down to the back corner - put the white slider into the boom and attach the line at the end of the boom (outhaul) to the slider. (Push a loop of line through the grommet (hole) and put ball through loop.) 3h - Adjust and cleat the other end of the outhaul so that the end of the sail is about 4-5 inches (10-13 cm) from the end of the boom. Do not make this tight yet. 3i - Slider on front-bottom corner of sail can be put into the mast to hold sail in place.
Check Out the Boat	4a - Put sailing card on boat by sail number.	4a - Check out the boat (by sail number) at the desk using your sailing card.
Into the Water	5a - Water down the dock. 5b - Tie down bailer. 5c - Slide boat into water. 5d - Let boat swing into the wind. 5e - Tie to dock with a Bowline.	5a - Using a bailer, throw water on the dock under and behind the boat. 5b - Tie down the bailer to the end of any available line. 5c - Lift the bow, tip slightly to one side, and slide into the water. 5d - Hold onto the painter (rope in front) and let the boat swing whichever way the wind takes it. 5e - Tie the painter to the dock with a Bowline knot.
Centerboard and Rudder	6a - Get into the boat. 6b - Lower Centerboard lever. 6c - Slide Rudder into rudder-track at back of tiller.	6a - Carefully get into the center of the boat without tipping it over. 6b - Take the bungee cord off the Centerboard Lever, and lower the lever most of the way down so it is parallel to the water or a little up from there. 6c - Slide the rudder all the way down into the track on the tiller-rudder assembly. It may be a tight fit and need to be pushed quite hard. Rocking it back and forth may help.
Sail	7a - Raise sail to top of mast and attach halyard to starboard cleat. 7b - If sail not going up all the way, loosen/untangle lines as needed. 7c - Front Slider on sail into mast. Attach Downhaul line to one the port-side cleats. 7d - Adjust Outhaul. Cleat on both sides. 7e - Adjust Vang. Cleat at least loosely on both sides.	7a - Raise the sail until it hits the top of the mast, then tie it to the cleat on the right (starboard) side. It can additionally be initially cleated in one of the jam cleats at the top of the mast. 7b - If it does not go up all the way, check if: The sail is stuck entering the slot in the mast. The main sheet is caught or tied down. The sail or boom is caught on the tiller. The vang is too tight. The outhaul is too tight. 7c - Put the front-bottom slider on the sail into the mast, and then put the (red) Downhaul line through the hole. Attach it on the left-hand (port) side of the mast either through the jam cleat or around the other cleat (not both!). 7d - Adjust the Outhaul lines (red ropes to forward cam-cleats) for appropriate curve in the sail. 7e - Adjust the Boom Vang (blue ropes to back cam-cleats) for appropriate tension on the sail and boom.
Express Unrig After Landing at Dock	8a - Tie boat to dock with bowline. Loosen vang completely. 8b - If someone else takes boat, switch cards. 8c - Else: lower sail, leaving in mast. Cleat halyard. Take off rudder, put in bottom of boat. Raise centerboard lever - attach bungee cord. 8d - Pull boat up on dock: stays in line with cradle. Attach cradle lines. 8e - Furl sail on boom, or roll up sail and put above shelf. Tie ends of halyard together, wrap around mast, and cleat or tie down. 8f - Hang rudder in back of Bay 1. Put away lifejacket. 8g - Bail out any water from boat (if capsized, check all tanks). Open bottom plug if likely to rain. 8h - File your sailing card away.	