

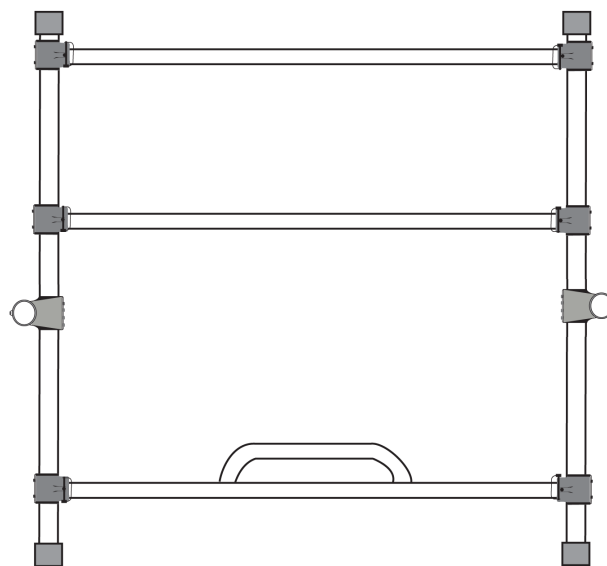
### 3. Using a Drop Deck:

A Drop Deck is a piece of Skidguard Plywood that has a 1" steel frame underneath it that is made to fit snugly into the rowers compartment. The advantage of a Drop Deck is that it gives the rower a stable platform to stand up on and provides a place to put two 20mm rocket boxes on either side of the rower. The Drop Deck needs to have two firm objects to brace off of, like a cooler and a dry box, but will not work as well if it is placed between a drop bag and another object. To rig the deck in your frame insert four 3' cam straps into the four corner slots in the deck, two on the front and two on the back. Next place the deck in the rowers compartment of your rigged boat and attach two straps to the front bar (on either side of the kick bar) and two straps to the rear bar. Then adjust the deck so that it is riding right at the bottom of the two objects that it is between and just above the level of the floor. In order to secure items on the deck it is necessary to install metal eyes or webbing loops for tie downs.

### 3. Using your Expedition Frame as a Day Frame:

One of the advantages of a Clavey Expedition Frame is that it can be broken down and used as a Day Frame - essentially two frames in one! To do this you need to remove the front and rear bars and elbows. This will leave you with two straight side bars and three cross bars. The simplest set up is to configure the bars so that two cross bars are supporting the cooler (your seat) followed by the rowers compartment and then the kick bar. Once configured it is necessary to drill out all cross

necessary to drill out all cross bars through the pilot holes in the T fittings and then install the snapper pins into each T fitting. This keeps the frame from pulling apart under stress. Once drilled it is a very good idea to mark each fitting and cross bar end so that reassembly is a snap and not a frustrating experience. You may also have to reposition the oar towers when using the frame as a Day Frame. Also when using as a day frame you need to put 2" PVC pipe caps on the ends of the straight bars to protect your boat and the bars. You can find these at your local hardware store or call us up and we can send them to you.



## CLAVEY EXPEDITION PACKAGES

Congratulations on purchasing your Clavey Expedition Package. We feel that the Clavey Expedition Frame and components make up the ultimate system to rig your boat for anything from multi day floats in remote locales to day trips on your local river. Before digging in and setting up your package for the first time please read through the following instructions and frame assembly page.

### 1. Setting up the Frame:

(please refer to the frame assembly page). Your Expedition Frame is a compact and versatile frame that can be used in a number of different ways. On boats 14' and larger the standard 4 bay Expedition Frame will hold three items (dry boxes, coolers, drop bags etc.) and have one bay left over for the rowers compartment. You'll get the maximum use of space by utilizing a dry box or cooler for a rowers seat.

Once your frame is put together (with the cross bars and oar towers still loose) place it on your boat. Next, decide what items are going to go in which bays. We prefer to sit on the cooler (back bay) with the rowers compartment in front of that, followed by the dry box and then a drop bag with a folding camp table used as a lid and passenger seat.

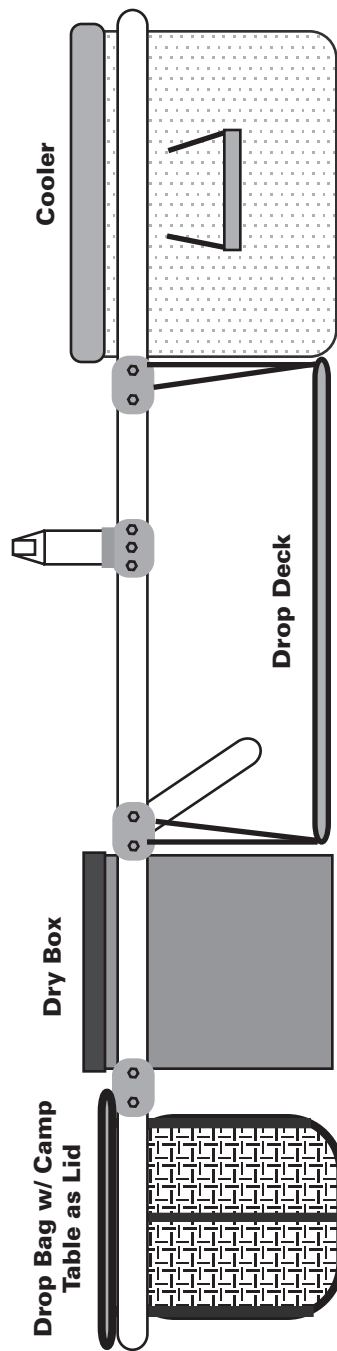
No matter what you put in each compartment you will want to leave 21" to 22" in the rowers compartment. When you have decided how you want to lay out your frame adjust the T fittings on the cross bars accordingly so that the items are snug but not so snug that you cannot remove them easily.

You will need four 4' cam loop straps to sling the cooler in place, two under and two over. First adjust the straps under the cooler so that it is riding just above the level of the floor then use the two top straps to cinch the cooler in place. If your dry box has mounting tabs (they come standard with tabs unless ordered otherwise) you'll need two more 4' cam loop straps to go over the top of the box to secure it in the frame. If you are using a drop bag you will need two more 4' cam loop straps to secure the lid over the drop bag. (either homemade plywood or a folding camp table)

## 2. Fitting the Rowers Compartment:

After you have set up your frame with the items that it will be carrying it is time to adjust the oar towers and kick bar.

**The Kick Bar:** Your frame came with two extra snapper pins that are for the securing the kick bar. Sit where you will be seated while rowing and with the allen wrench in hand rotate the kick bar until you have it at the angle that is most comfortable for you and then tighten the set screws to keep it in place (we find that a angle of about 160° works well for most). Next take a drill with a 5/16" bit and drill out the kick bar through the pilot holes on the two T fittings that are holding it in place.



It is best to perform this task with the frame off your boat. Then install the two snapper pins which will keep the kick bar in place when you are pushing on it with all of your might trying to miss the hole at Crystal.

**The Oar Towers:** Refer to the diagram on the back of the Expedition Frame set up sheet. The oar towers on the Expedition frame come long (about 11") and are designed to be cut to the desired length. This can be easily done with a hack saw or a chop saw with a carbide blade. We feel that a overall length of 8.5" works well for us but you may have a different style of rowing. Placement of the oar stands on the frame is also a matter of preference but in general they work best if, while sitting on the rowers seat, they are in line with the face of your knees (see diagram on frame sheet). The oar towers have a built in angle to them and are designed to place the oarlock or thole pin at the optimum angle when the oar stand is angled slightly in towards the center of the boat. You may want to adjust this angle depending on your boat tube size and how long your oars are. Make sure that the oar tower is raised up slightly in the oar stand so that it is not rubbing on the tube of your boat. Once you have worked all of this out and have the stands in the correct place on your frame it is necessary to tighten and loosen the three set screws on the oar stand and the two on the oar tower four or five times to create a secure divot in the aluminum pipe. Then tighten them down a final time very tightly.