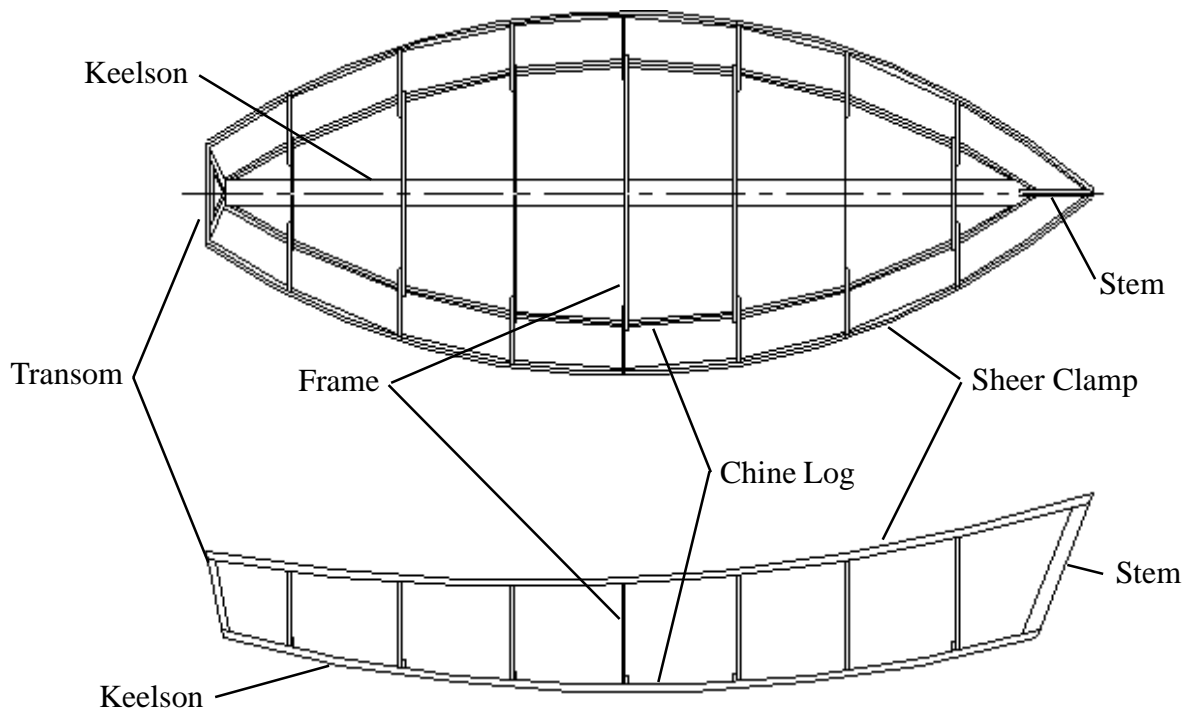


## **Sheer Clamp and Chine Log Fitting Guide**

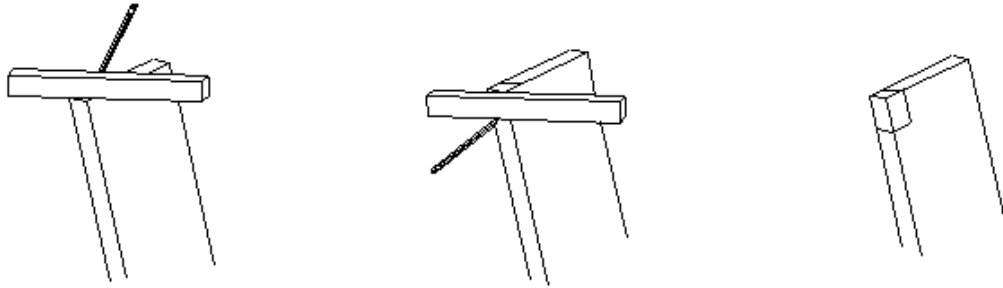
Some people have difficulty envisioning how the longitudinal elements of boat framing come together at the stem, so I thought I'd put together this guide to help you understand how it's done.

First, let's identify the various elements of boat framing:

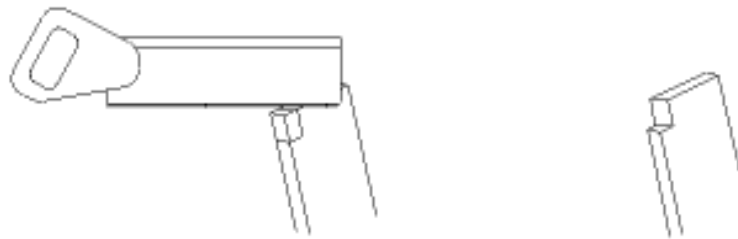


I usually begin by cutting a small piece of the material used for the chine log and sheer clamp to use as a marking tool. Holding it up to the top of the frame and angling it to the approximate angle it will be sitting once attached. I simply use a pencil to mark the top (for the sheer clamp) or bottom of the frame (for the chine log) then I mark the side of the frame for the correct distance of the cut to account for the width of the material. No need to get too fussy at this stage, you'll get a chance to fit it better using a rasp or file for a good tight fit. Here's how that marking and cutting will look:

Here's how you mark them using a short piece of material:

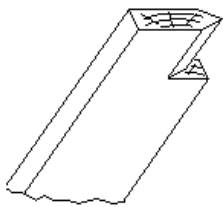


And here's how you cut them:

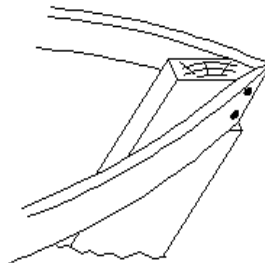


As you approach the stem it gets a little trickier. I use the same basic technique to fit them up:

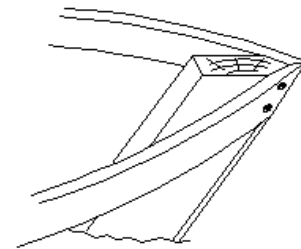
Notches Cut:



Sheer Clamps Fitted



Final Fairing



Here's the transom of an Ozark Fishermen drift boat being fitted up:

