

Have You Seen This?

by Robert Ellis

Neil Moomey Kodiak Alaska

Neil designed this pulley-anchoring system using some existing ideas and a unique floating "pulley" he made out of PVC plastic pipe so weeds won't clog it.



Note: All specifications are for a 16' boat. You will have to adapt these to your needs.

Braid loops in each end of 300' floating polypropylene rope wrapped with tape (self fusing rubber silicone tape works well)

2 Carabiner serves as a second pulley. Secure to log or tree.

Definitely not to scale!

1 Tie an overhand knot in rope and secure it to a log or tree. Use this end to pull the boat in or out.

Anchor boat in about 20' of water at 150' from high tide mark.

PVC Pipe Pulley Assembly:

6' of 3/8" or 1/2" Line
4-6 Fish Net Floats
4" PVC Pipe Pulley

100' nylon anchor line

Make sure you use locking carabiners

5 gal. plastic bucket drilled with 1" holes lets your rope dry.

10' 3/8" Galvanized Chain

15 lb. Folding Anchor

Construct the pulley assembly. Attach the two elbows to the 2' section of pipe and drill two, 1/2" holes near each end for the 6' rope. Tie a knot in the middle of your pulley rope and slide three floats on each side. Tie the ends to the plastic pipe by stringing it through the two holes and tie the knot on the outside of the pipe so no knots are inside to hang things up. You might want to wrap this knot with tape to prevent it from coming apart. Make sure the rope is centered.

The concept is simple. **First**, secure the 300' poly rope to shore at the midway point above the high tide mark. **Second**, rig the second shoreside pulley. **Third**, feed the rope through the floating pipe pulley and anchor this in deep water about 150' from the high water mark. **Fourth**, attach loop ends to boat and pull out to buoy. To retrieve the boat you simply untie the rope from shore and pull on one side of the rope, allowing the other side to move toward the boat and slide through the pulley.

What you will need. • 300 ft. of 3/8" floating rope • 5 gallon bucket for rope storage • 100 ft. of anchor rope (nylon sinks) • 10 ft. of 3/8" galv. chain and a chain link. • Good anchor (mine weighs 15 lbs. and folds for easy storage) • Locking carabiners (make sure they lock) • Self fusing rubber silicone tape • 2' of 4" plastic drain pipe "cheap stuff" • Plastic glue to fasten elbows • 6 fishing net floats used by commercial fisherman • 100 ft. of rope for securing the poly rope to shore. Make sure you can easily tie knots in it. Cheap polypropylene is not recommended for tying knots. *Neil Moomey* •SCA•

If you've got a good boat building tip, comment, or technique to share, send your ideas to
Have You Seen This? PO Box 1343, Port Townsend, WA 98368.