

Wildwood Sailing Club

Winter Preparation Guidelines

Winter Preparation Procedure for Dock Storage:

(a) Tools required:

Pipe Jack	- to pull pipes
Pipe Wrench	- to help pull pipes
Pliers	- to remove cotter pins
2 – 9/16” Wenches	- to remove bolts from pipe brackets
2 – 3/4” Wenches	- to split dock sections apart
Rope	- to tie down all pipes and docks
Knife	- to cut rope as needed
Truck or Come-Along	- to lift the gangway
Service Boat	- to float sections to far corner

(b) Work Crews

The work crew should be divided into three groups:

(1) Group #1 will be in charge of disengaging the finger docks from the header docks and placing them upon the header docks for winter storage.

(2) Group #2 will remove all the pipes on the header docks except the first and last pipe of each 5 dock section. They should start on the far side and work back towards the gangway, making them ready to move to the far shore.

(3) Group #3 will lift the gangway. (starts later)

(c) Removing the Finger Docks – Group #1 (about half of crew)

Remove the bolts from the pipe brackets at the end of the finger docks.

Pull the pipes from the ends of the finger docks.

Tie the pipes to the finger docks (where they were used) with rope.

Remove all cotter pins from hinge bolts holding the finger docks to the header docks.

Remove the hinge bolts holding the finger docks to the header docks.

Lift the finger docks onto the header docks.

Tie the finger docks to the header docks at both ends with rope.

(d) Removing the Header Docks – Group #2 (about half of crew)

Remove the bolts from the pipe brackets holding the pipes to the header docks.

Pull most of the pipes from the header docks - leave a few pipes to prevent the header docks from floating away.

Tie the pipes to the header docks (where they were used) with rope.

Remove the cotter pins from the hinge bolts where the header docks will be split.

Remove hinge bolts where the cotter pins have been removed. (every 5 sections or so)

Remove all the remaining pipes from the header docks – leave 2 pipes around dock # 32 to prevent the docks from floating away. These 2 pipes will be removed later.

Float all header docks to the far corner using ropes and/or the service boat.

In order to move the section that carries the gangway, the gangway needs to be raised.

Tie all header sections together – try not to tie to any metal – wood to wood works best.

Attach cables from the shore to header system to prevent it from floating away.

(e) Removing the Launch Ramp Dock – Group #2

Remove the pipes from the launch ramp dock.

Place the gangway on shore.

Float the dock section to the far shore.

Tie the dock to the rest of the header docks.

(f) Raising the Gangway – Group #3 (2 -3 people)

An “A” frame has been made to lift the gangway.

Remove the bearing end stubs from the “A” frame by removing the 2 machine screws.

Place the bearing end stubs over the hinge shaft ends at the shore end of the gangway.

Raise the “A” frame and reinsert the ends of the bearing stubs into the “A” frame tubing. Fasten the bearing stubs with the machine screws that were removed earlier. (important)

On the frame are 3 cable loops on the top end.

The ¼” cable goes up the hill toward the tree with the large trunk.

The other 1/8” cable loops go toward the gangway.

Pull the 1/8” cable loops toward the gangway till the frame is upright.

Feed the cables over the boards that brace the railing. (on the inside of the railing)

Feed the lifting pipe through the pipe straps on the underside of the gangway.

Make sure that enough pipe protrudes past the straps outside of the gangway.

Attach the cable loops around the lifting pipe ends.

Now take the ¼” cable and attach the cable block and tackle.

The other end of the block and tackle hooks on to a chain around the tree trunk.

Connect the loose end of the tackle to a truck or car trailer hitch

Slowly drive away from the tree until the bridge has been raised sufficiently high enough. Take two cable clamps and secure the tow cable to the tackle.

(g) Notes

Please tie wood to wood wherever possible to prevent chaffing. Tying to metal may not last the winter.

Please collect all the cotter pins, nuts & bolts and store them in the appropriate storage containers.

Make sure all tools get returned to the shed for storage.

Please secure all loose dock parts or place in storage for repairing later.

(h) Spring Dock Put-in

Do this procedure in reverse.

**Hans-J.Rosch / Les Leonhardt - March 8, 2017