

BYC Crane Usage Procedures

Before coming on station, arrange for a crew (minimum 3 and preferably 5). Everyone should have leather gloves. Also, arrange for the loan of slings if they are required. This should be done the day before planned work.

No boat shall be lifted that exceeds the advertised maximum lift capacity of the crane. The North and South cranes are rated at 3,000 lbs and 5,000 lbs respectively.

Do not proceed at times of high wind velocities above 20 knots. If winds are above 10 knots, take special care.

If you are not 100 % sure of the proper procedure for operating a crane ask for assistance.

Before operating the crane, carry out a visual inspection. Make sure the running cable is not crossed on the take-up drum and the running cable is properly on the sheave on the end of the boom. Verify the location of the ac power disconnect switch. Report any suspect equipment immediately.

Do not work under boat unless boat is supported by chained jack stands, trailer or cradle. NEVER WHEN SUSPENDED BY STRAPS ALONE.

Never leave boat unattended in slings.

Never stand or walk under a suspended boat.

Insure boat lifts as close to level as possible. Reposition slings as necessary.

PROCEDURES FOR LAUNCH AND HAUL-OUT USING CLUB CRANE

1. Back-in trailer, center line of trailer in line with marks on concrete.
2. Move boom over your boat. Watch out for the hook.
3. Attach slings to hooks making sure safety clips close.
4. Attach control lines to the bow and stern of boat.
5. Clear all lashings to trailer. Take up the slack on the slings, but do not lift the boat off the pads. Crew members to come off boat at this time. Absolutely no one aboard during lift.
6. Insure that crane control lines and boat control lines are kept on the same side of the boat. Tip – It is much easier to move the boat by pulling on its control lines attached to the boat rather than those attached to the boom.
7. Hoist the boat carefully to clear the support pads of the trailer.
8. Keep Boat oriented more or less at right angles to the crane boom. When the boat is over the water lower away in a continuous controlled manner. Do not introduce jerking movement by stopping and starting the crane motor. Remember if you blow a fuse, your boat will be left stranded in the air.
9. When the boat is floating, stop the lowering. Go aboard, ensure all is sound before taking off the slings.
10. Move the boom back to stowage position and secure using control lines. Never leave boom over water.
11. Lay out slings to dry after which return them to yard crew for storage.

Final Note. It is essential to avoid sudden snatching, swinging and stopping of your boat while it is suspended since rapid acceleration and deceleration will greatly increase the stress on the crane equipment and could be hazardous.