



## YACHT LIFT SAFE OPERATING PROCEDURES

### 1. Before Starting

- Check tides before booking the lift to ensure that you to have a minimum of 1-foot safety margin it is the for both lifting and launching;
- a minimum of two (2) persons shall be involved activities on the Yacht Lift;
- the key to unlock the Yacht Lift control panel is available from the Club office;
- take constant, deliberate care when moving about and working on the Yacht Lift.

### 2. Boat Position

- the centre of balance is at the mid-point between the four main vertical posts;
- load vessels for a balanced lift;
- all load bearing horses or skids shall be positioned within the four main vertical posts;
- boats shall be centered transversely between the four main vertical posts;
- the sliding scissor posts should be aligned transversely;
- prior to lifting, all scissor pins shall be properly in position;
- there shall not be any list to your boat or the yacht lift.

### 3. Before Lowering the Empty Platform

- ensure that the Four RED, platform support pins are removed and stored;
- place keel blocks or steel horses according to your Lift Plan;
- move and pin the West side scissor slides according to your Lift Plan;
- move the East side scissor slides fully to the side of the lift to provide maximum clearance when loading the vessel;
- DO A WALKABOUT;
- ensure that everything is stored a safe location away from moving components;
- check for driftwood under the ends of the platform;
- the wash water collection system shall be switched OFF prior to lowering the platform.

### 4. Operation At Low Tides

- know the exact draft of your boat to schedule a successful docking and undocking;
- never initiate undocking on a falling tide unless it is certain that there will be at least a one-foot margin for safety and misadventure;
- seven-foot tide provides 5 (five) feet of water above the keel blocks on the platform;
- An alarm will sound and the Yacht Lift will stop lowering when it is not safe for the platform to be lowered any further. The platform can be raised after an alarm;
- **\*\* Under no circumstances may any Member continue to lower the platform by changing the position of the limit switch wand that provides the alarm;\*\***
- if you are on a rising tide wait for the tide to rise then lower the platform;
- if you are on a falling tide - immediately abort, raise the platform to the fully up position and prepare a new plan.

### 5. Lowering Platform Empty & Preparing for Lift

- confirm that the Four RED safety beams are out and safely stored;
- ensure that the wash water collection system OFF;
- review the control panel operation then energize the lift control electrics;
- lower the platform to required depth plus one foot;
- Shift the boat to position at the center of the platform;
- adjust and engage the four scissor posts and their pins so that the vessel is centered and has no list;
- discuss what each Member of the team shall do during the lift.



## 6. Raise Boat On Platform

- **\*\* Do not allow any persons to remain on board during lifting \*\***
- raise the platform continuously until the vessel contacts the keel blocks or steel horses;
- STOP the lift at this point and check the tension of the East scissor uprights;
- watch to see that the keel or hull is properly in contact with the keel blocks; any secondary blocks and any bow support structures;
- rudders and propellers are clear of platform, keel blocks or any obstructions;
- scissor uprights are close to hull but not too tight;
- STOP the lift if there is any concern and determine what corrective action is required;
- the Yacht Lift stops automatically when in the correct, fully raised position;
- watch the final entry of one of the drop stop housings to ensure that it does not travel too far and cause damage to the lift cables;
- the minimum required freeboard from the water to the top corner of all pontoons is 3".
- install the Four Red safety beams;
- **\*\* Do not lower the platform onto the safety beams \*\***
- turn the wash water collection system ON to the Automatic position;
- turn the Yacht Lift electrics OFF and close the cover of the electrics enclosure.

## 7. Conduct During Yacht Lift Work

- any manner of maintenance work that may raise airborne debris requires the user to raise the screens to protect the neighbouring vessels and floats;
- all material, other than wash water, that falls on the Yacht Lift deck shall be collected before it enters the wash water collection system;
- when draining oil from any of the boat's systems, Member supplied secondary containment shall be used;
- spray painting and sand blasting are NOT permitted.

## 8. Lowering Boat & Platform (Undocking)

- turn OFF wash water collection system.
- ensure that the RED safety beams have been removed and safely stowed clear of all moving parts.
- ensure that there is adequate water for safely undocking - not marginal on a falling tide;
- lower platform until vessel floats plus one foot;
- move the boat from the lift;
- raise the platform and let it stop Automatically.
- **\*\* DO NOT INSTALL THE FOUR RED SAFETY BEAMS \*\***
- turn the wash water collection system to the OFF position.
- turn off the Yacht Lift electrics. Lock the enclosure door. Deliver the key to the office or after-hours staff.

## 9. Reporting Problems

- report any issues to the Club's maintenance staff or the Club's office in person or by email;
- STOP immediately if the issue causes the lift to vibrate or emit sounds created by mechanical components under stress. Remove the key and contact maintenance staff to assist with corrective action.

## 10. On Completion

- ensure that the Yacht Lift and perimeter areas is left clean and free of all debris after use;
- stow pressure washing equipment, ladders, docking equipment, planks, wedges, blocks etc tidily and in good order.

Trainer Name: \_\_\_\_\_

Member Trained: \_\_\_\_\_

Training Date: \_\_\_\_\_

Member Number: \_\_\_\_\_