

ROYAL SYDNEY YACHT SQUADRON

USING THE SLEWING CRANE FOR LAUNCH AND RETRIEVAL

Note: It is the responsibility of the owner/skipper of the boat to ensure the safe use of the jib crane at all times. At no time should any person be on the boat when it is lifted.

PREPARE VESSEL FOR LAUNCH

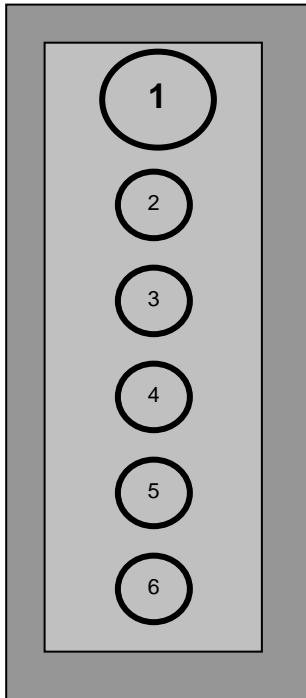
1. Remove and stow boat cover.
2. Empty water from bilge and fit the bung plug.
3. Remove the backstay or necessary running rigging.
4. Identify the boats keel lifting points.
5. Attach slings to the lifting points. Ensure correct way around.
6. Attach athwart ships and fore and aft lines (J24 forward and Yngling aft, E22 & Dragon athwart ships).
7. Attach spinnaker sheets to the tweakers either side of the cockpit. E22 and Dragons. (Make sure the lifting sling is centred on the boat).
8. Attach a long line to the bow and one to the stern to use as control lines.
9. Move the boat cradle to the slewing crane, and centre its keel over the yellow line.
10. Check the position of the lifting sling and lines, before attaching the sling to the hook of the slewing crane. Ensure the shackle pins are in and secured.
11. A second (or third) person is to gather in the bow and stern lines in preparation for controlling the boat when it is being lifted from the cradle.
12. Engage the hook to the lifting slings and slowly take the weight of the boat with the crane. Double check all lifting equipment. Keep hands clear of the contact area between the hook and sling.
13. Use the control lines to keep the boat square on to the crane as it is being moved with the crew in close proximity to the crane well clear of the load. Lift till it is clear of the cradle. Slew the boat around slowly (bow first).
14. Lower the boat slowly into the water. As the boat nears the water, pull on the rear control line to prevent the mast hitting the crane.
15. Remove the sling from the crane hook. Return the crane to its original position and switch off.
16. Remove and return the cradle from under the crane to its hardstand storage position.
17. Moor the boat in the pond. Remove sling and lines, relocate, and or stow away as instructed.
18. Re-fasten backstay and prepare for sailing.

PREPARE VESSEL FOR RETRIEVAL

1. Moor the boat in the pond.
2. Empty out water from bilge.
3. Remove the backstay.
4. Identify the boats lifting points.
5. Attach slings to the lifting points.
6. Attach the sternline to the back handle strong point.
7. Attach spinnaker sheets to the tweakers either side of the cockpit. (Make sure the lifting sling is centred on the boat).
8. Attach a long line to the bow and one to the stern to use as control lines.
9. Move boat to the slewing crane. Centre it below the hook. Check the position of the sling and lines, before attaching the sling to the slewing crane hook. Attach the hook ensuring hands are positioned behind the hook to ensure they cannot get caught between the lifting sling and the hook.
10. A second (and or third person) is to gather in the bow and stern lines in preparation for controlling the boat when it is lifted from the water.
11. Slowly take the weight of the boat with the crane and continue lifting until it is clear of the water.

12. Use the control lines to keep the boat square-on to the crane as it is being lifted and moved to the cradle. Move the boat around slowly (bow first).
13. Lower boat slowly into the cradle. As the boat nears the cradle, pull on the rear control line to prevent the mast hitting the crane.
14. Remove the sling from the crane hook. Return the crane to its original position and switch off.
15. Return the cradle to its hardstand storage position.
16. Re-fasten backstay and prepare boat for storage.

PENDANT CONTROLS



1. Emergency Stop (red)
2. Start
3. Up
4. Down
5. West (as marked on the overhead gantry)
6. East (as marked on the overhead gantry)

- Note:*
- ✓ Press button down "half way" to obtain a slow movement
 - ✓ Fully depress button to obtain a fast movement
 - ✓ Release button, movement will stop

 - ✓ Always use the slow movement when manoeuvring boats

 - ✓ Replace pendant in cradle after use
 - ✓ Turn off electrical power to crane