



Safety Warnings

General for all C-Hero[®] Equipment:

- **Always use your legs when lifting, not your back.**
- Make sure everyone has completed eTraining
- Only use for its intended use, MOB Water Rescue
- In bad weather try to expedite recoveries, sometimes you only get one shot at it
- Do not use any unauthorized lines or parts
- Always be safe on deck when rescuing someone, wearing your PPE
- This equipment is for a designated boat, C-Hero[®] needs to know if moved to another boat
- Only use original parts for the unit, available through C-Hero[®]
- Be aware of the length of the davit when carrying to the bitt or mount, as to not damage anything.
- Always use a rescue dummy for drills, and not a crewman

Rescue Poles:

- Do not attach the lifting strap around the neck or abdomen for the lift, to avoid injury or death!
- When using The Rescue Pole, be careful to not hit the PIW's head with hoop
- Practice with the pole to ensure, that the crew can get the strap under the arms
- Always tether the pole (Not included)

Rescue Davits:

- **Never open the line brake with load on the line without wraps on the winch.**
- Ensure that the Bitt Mount Davit has a good solid fit on the bitts, fits evenly, and is secure before use
- Ensure that the Flat Mount Davit is securely in the mount, with the tethered pins inserted
- Tie off unit near the bitt or mount with the tether before putting it on, so as to not lose it overboard
- Do not lift past the lift line stopper ball, unless next to the boat
- Contact C-HERO[®] if any damage has occurred to Rescue Davits
- When using Flat Mount Davit against a bulkhead, watch pinch point on fingers

Winch (See [Harken[®]](#) page):

- Read the Maintenance of winch and line brake, and only use appropriate lubricants
- Make sure the line brake is closed before use. Do not use if lines are frayed

Hands:

- Always keep hands away from the worm and spindle gears, and the vertical spindle
- Keep hands and fingers clear of the davit gate, pinch point
- Keep hands and fingers out of the way when tightening latch clamps

Inspections:

- When using tension line buttons, be sure that the wraps are seated, with a half hitch
- Inspect all lines, equipment, nuts, and bolts periodically to ensure safe use

WARRANTY WARNING: IMPROPER OPERATION

The C-Hero[®] warranty does not cover the improper use, nor the use without completing eTraining, of any C-Hero[®] products. This includes but is not limited to faulty maintenance, disassembling, and/or opening. Some items such as lines, web straps, and rubber holding blocks are not warranted for normal wear and tear, nor for excessive sun and exposure damage, and will need to be replaced periodically based upon storage methods used.

Setup and Maintenance**1. Set-up:**

- a. Take the line from the lift line brake, which is just ahead of winch
- b. Take four wraps clockwise
- c. Lead the line over the tailing arm, and place the line into jaws at the top of the winch
- d. Look carefully to make sure they're stacked neatly and not crossed
- e. Pull on the line to tighten them up until there's resistance, leaving 1 foot to the bitter end
- f. Make SURE the Harken® winch handle is seated and locked
- g. 20ST winch handle rotates counter-clockwise
- h. Optional 2-speed 35ST winch handle rotates both directions
 - 35:1 counter-clockwise, and 19:1 clockwise

2. Maintenance:**a. Washing:**

1. Winches must be washed frequently with fresh water, and in any case, at least after each use.
2. Do not allow teak cleaning products (or other cleaners containing caustic solutions) to come into contact with winches and especially anodized, chrome plated or plastic parts.
3. Do not use solvents, polishes or abrasive pastes on the logos or stickers on the winches. Do not use polishes or abrasive pastes on anodized, chrome plated or plastics surfaces.
4. Make sure that the holes and drainage channels in the base of the winch are not obstructed so that water does not collect.

**3. Maintenance schedule:**

Winches must be visually inspected at the at least twice per year. In addition, they must be completely overhauled, and cleaned. Use Harken® White Winch Grease at least every 12 months. After an inspection, replace worn or damaged components. [Harken® Manual Online](#). Do not replace or modify any part of the winch with a part that is not original.

4. WARNING! ⚠

Periodic maintenance must be carried out regularly. Lack of adequate maintenance shortens the life of the winch, can cause serious injury and invalidate the winch warranty. Installation and maintenance of winches must be carried out exclusively by specialized personnel. In the case of doubt contact Harken® Tech Service at techservice@harken.it

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