

CHAPTER II. INSTALLATION

SECTION 1. INSTALLATION OF NON-INSTALLED
SUPPLIED EQUIPMENT2-1. GENERAL.

2-2. This section presents the necessary instructions to install the life raft, two ring buoys, three radio antennas, radar scanner unit, and two floodlights.

2-3. LIFE RAFT AND RING BUOYS.

2-4. Position the life raft on the life raft rack, which is located atop the pilothouse. Position the ring buoys on each side of the deckhouse.

2-5. RADIO ANTENNAS, AS-1729/VRC.

2-6. Install the AS-1729/VRC antennas as outlined in paragraph 4-244.

2-7. RADIO ANTENNA, SB-V16.

2-8. Install the SB-V16 radio antenna as outlined in paragraph 4-244.

2-9. RADAR SCANNER UNIT.

2-10. Install the radar scanner unit as outlined in paragraph 4-244.

2-11. FLOODLIGHTS.

2-12. Install the floodlights as outlined in paragraph 4-26.

SECTION 2. PREPARATION FOR RESHIPMENT

2-13. SHIPMENT BY SHIP.

2-14. Perform the following procedure to prepare the PCF for shipment:

- a. Connect suitable hoisting sling and hoisting device to shipping cradle.
- b. Hoist and position shipping cradle onboard ship.
- c. Disconnect hoisting device and sling from shipping cradle.
- d. In pilothouse, make sure switches on dc electrical distribution panel; circuit breakers on ac distribution panel; compass, panel lights, and fuel gage switches are placed at OFF.

e. In deckhouse, make sure circuit breakers on radar/radio circuit breaker box are placed at OFF.

f. In engine room, make sure DC SOP, AC SOP, PRIMARY and BACKUP GUN, and FLOODLIGHT switches are placed at OFF.

g. Make sure fuel system valves are closed (paragraph 3-50).

h. Make sure engine and generator seawater cooling systems are shut-down (paragraphs 3-61 and 3-63).

i. Make sure deck washdown valves are closed (paragraph 3-68).

j. Position wire rope sockets of hoisting sling on four PCF lifting eyes (Figure 2-1); secure sockets with pins.

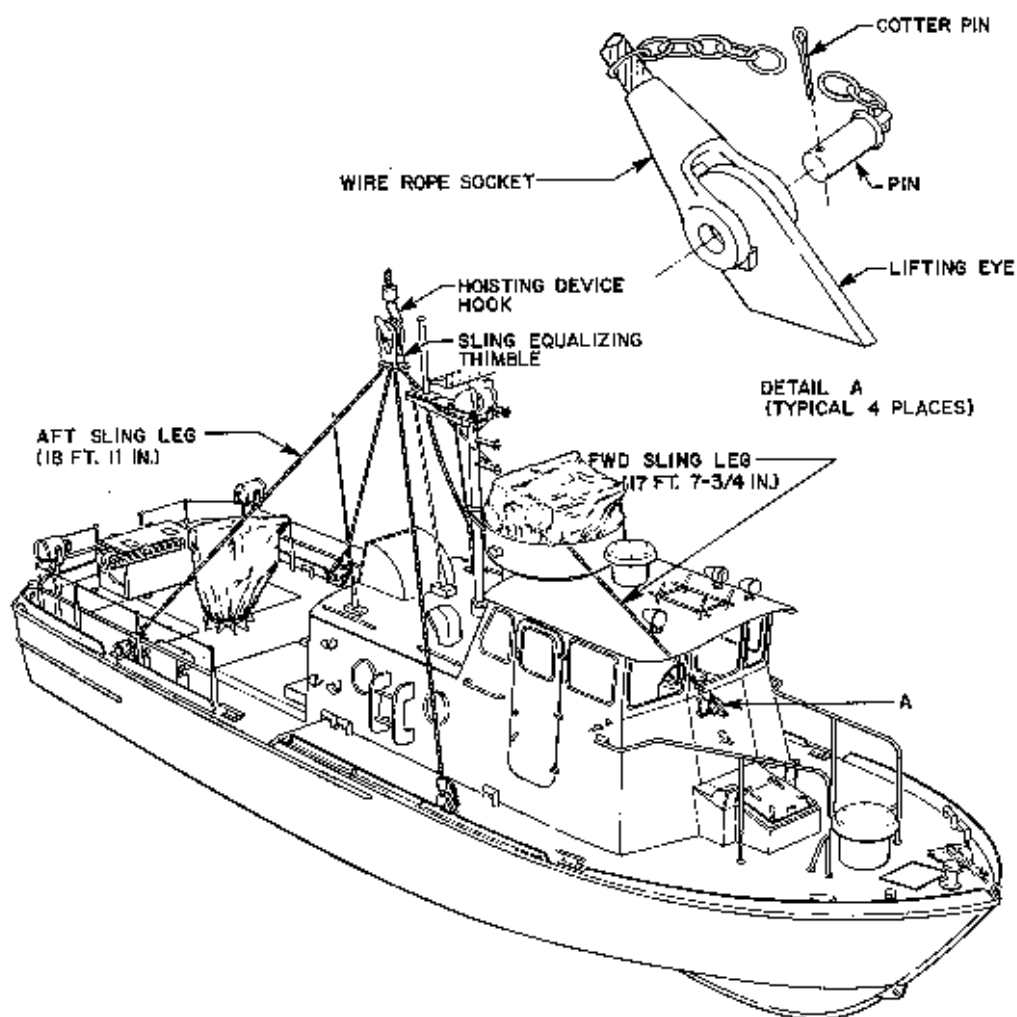


Figure 2-1. PCF Hoisting

Note

A hoisting sling is furnished with each PCF. Each sling is marked with the type and number boat assigned. Each forward sling leg is 17 feet 7-3/4 inches long. Each aft sling leg is 18 feet 11 inches long.

- k. Secure pins with cotter pins.
- l. Connect suitable hoisting device to equalizing thimble of hoisting sling.
- m. Hoist and position PCF on shipping cradle.

Note

PCF shall be positioned so that bulkheads 7 and 16 rest on forward and aft traverse bilge chocks, respectively.

- n. Disconnect hoisting device and sling from PCF.
- o. Tie down PCF to ship using lifting eyes and bits.

CAUTION

Deck and underwater fittings shall not be used as tie-down points.

- p. Drain propulsion engine cooling systems. (Refer to Operators Manual V-71 Engines, 65E-215.
- q. Tag propulsion engines and place an additional tag in pilothouse.
- r. Disconnect positive and negative electrical cabling leads from engine and ac diesel generator starting batteries.
- s. Pump bilge dry with hand bilge pump (paragraph 3-67). Inspect bilge for water.

- t. Hand wipe dry remaining water.
- u. Fuel strip each fuel tank (paragraph 3-55).
- v. Perform touch-up painting as required to exterior of hull, pilothouse, and deckhouse. (Refer to paragraph 3-152)
- w. Cover crew quarters and pilot-house exhaust blowers with Herculite waterproof covers.
- x. Install covers on .50 caliber machine gun, 81 mm mortar, searchlights, siren, and floodlights.
- y. Install spray cover inside gun tub and weathertight cover outside gun tub.
- z. Remove life raft and ring buoys and stow in crew quarters.
- aa. Close all hatches and doors; secure with padlocks.

2-15. SHIPMENT BY RAIL.

2-16. Perform the following procedure to prepare PCF for reshipment.

- a. Perform steps a through y, paragraph 2-14, except position shipping cradle on a flat bed rail car.
- b. Remove life raft and ring buoys and stow in crew quarters.
- c. Remove radar scanner unit as outlined in paragraph 4-244.
- d. Remove two AS-1729/VRC antennas as outlined in paragraph 4-244.
- e. Remove SB-V16 radio antenna as outlined in paragraph 4-244.
- f. Remove mast as outlined in paragraph 4-299 and stow in crew quarters.
- g. Board up windows in pilothouse and deckhouse.
- h. Remove two floodlights as outlined in paragraph 4-16.
- i. Close all hatches and doors; secure with padlocks.