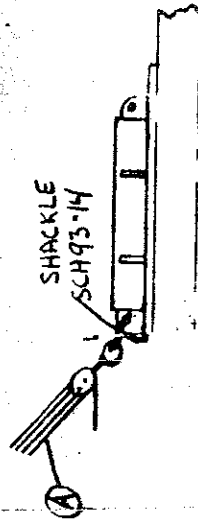
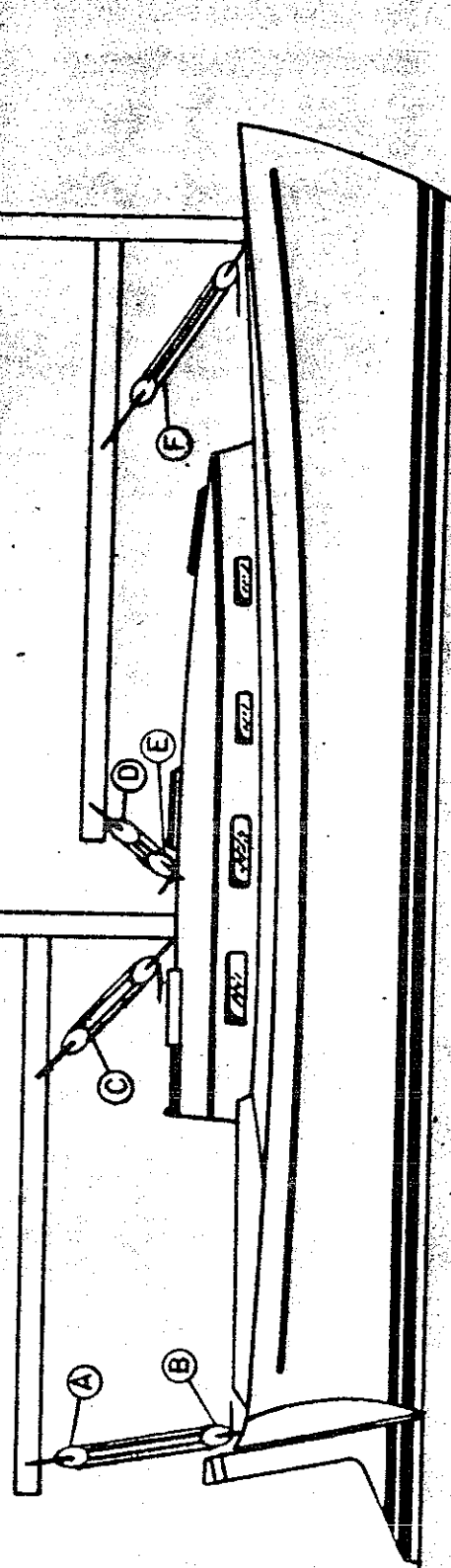


NOTICE-F28 BOOM VANG

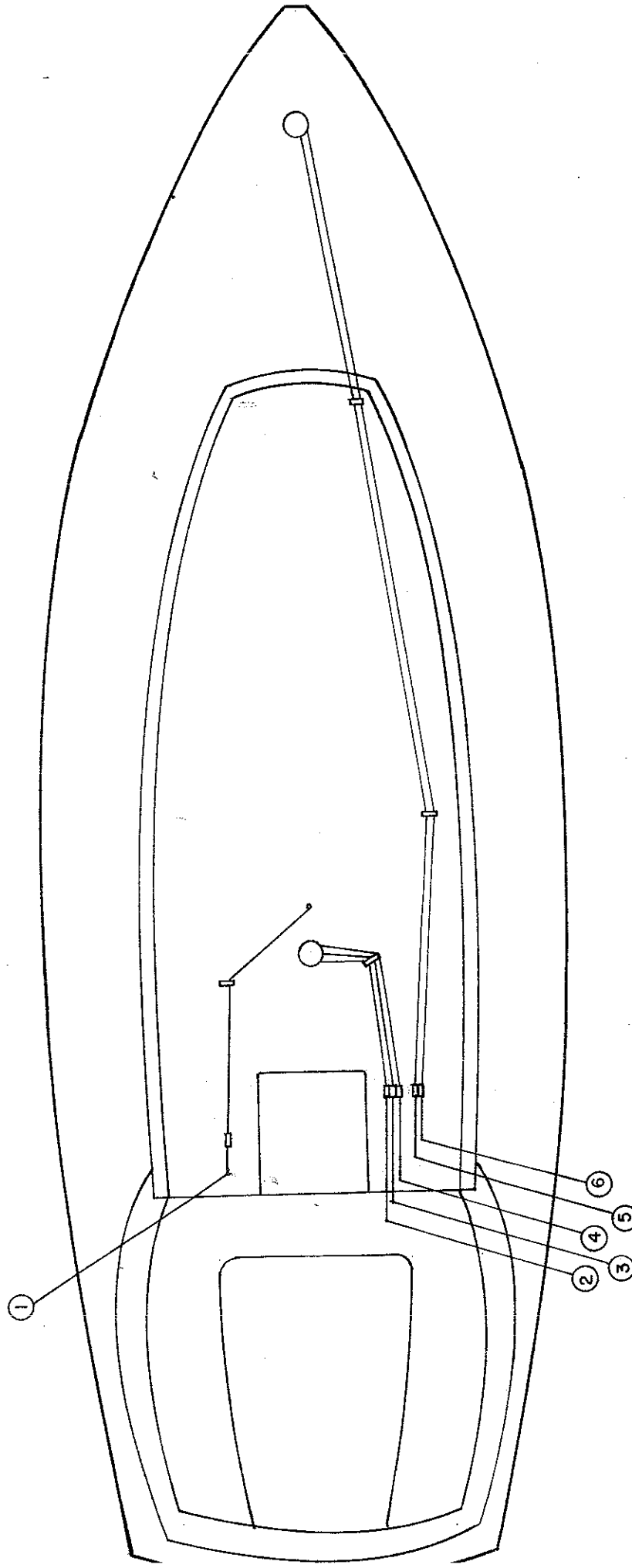
Mast collars now have 1 ear with 3/8" hole. This must be oriented dead aft to accommodate 3/8" D shackle for Boom Vang Tackle.

Also, some collars may still have a 1/2" hole in addition to the 3/8" bolt holes to secure collar to deck. This should be ignored and a 3/8" bolt used in this hole.



VANG TANG ARRANGEMENT

- A. SCH. 05-44 FIDDLE
- B. FIDDLE W/BECKET AND CAM
- C. SCH. 35-12 TACKLE
- D. SCH. 05-44 FIDDLE
- E. SCH. 05-54 FIDDLE W/BECKET
- F. SCH. 35-12 TACKLE

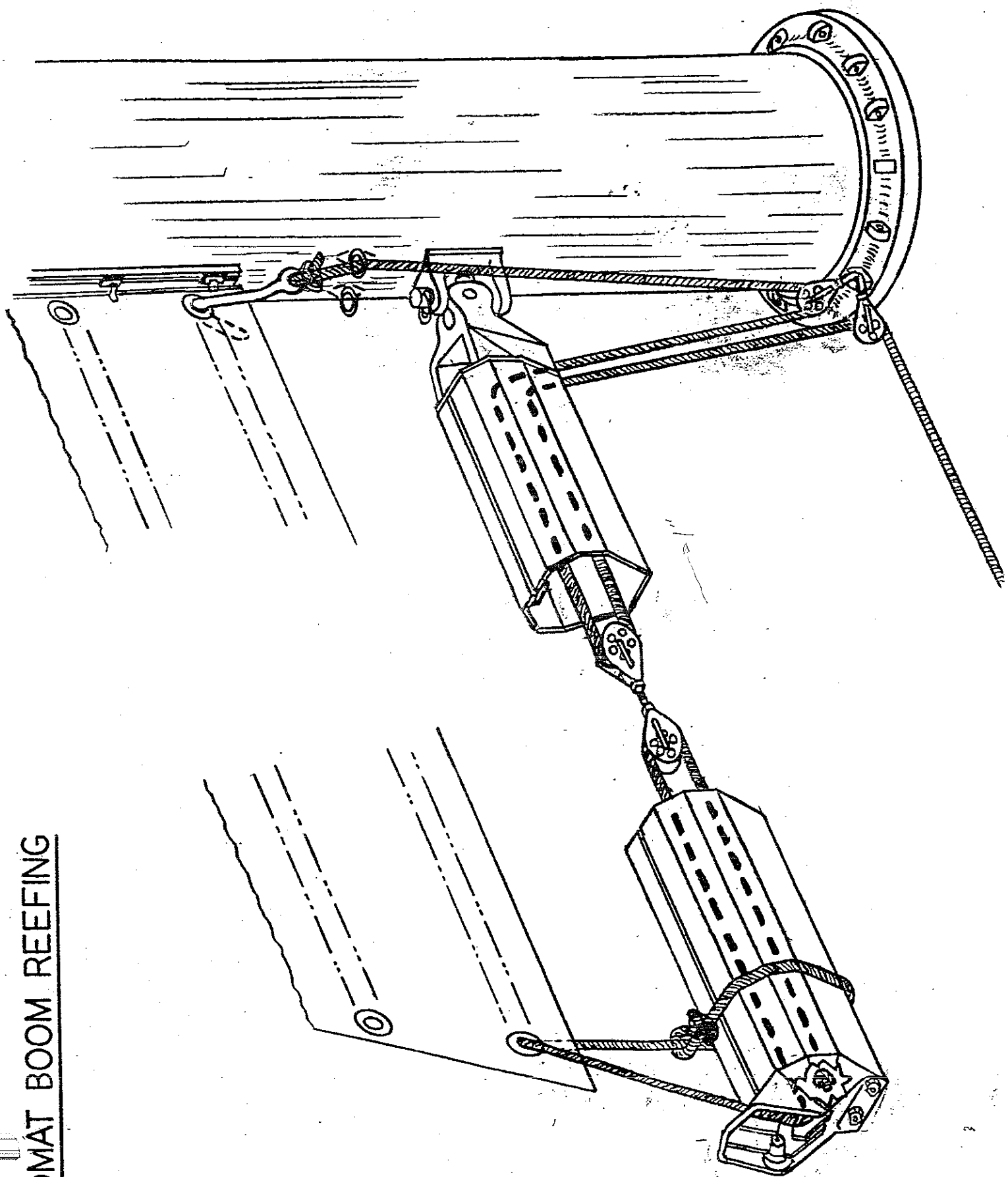


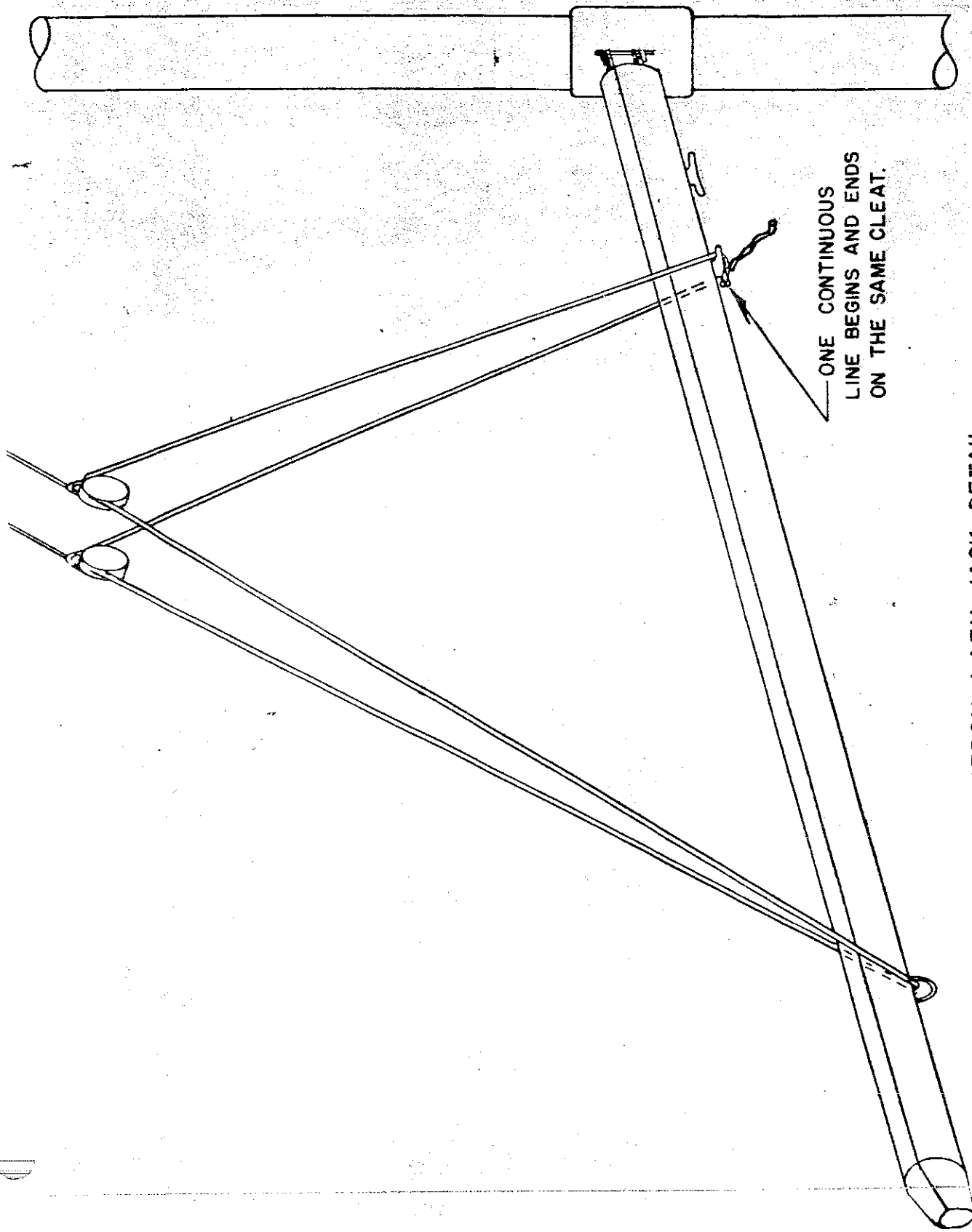
FREEDOM 28 LINE IDENTIFICATION

1. MAIN SHEET
2. REEF LINE
3. HALYARD
4. STAYSAIL
5. REEF LINE
6. HALYARD



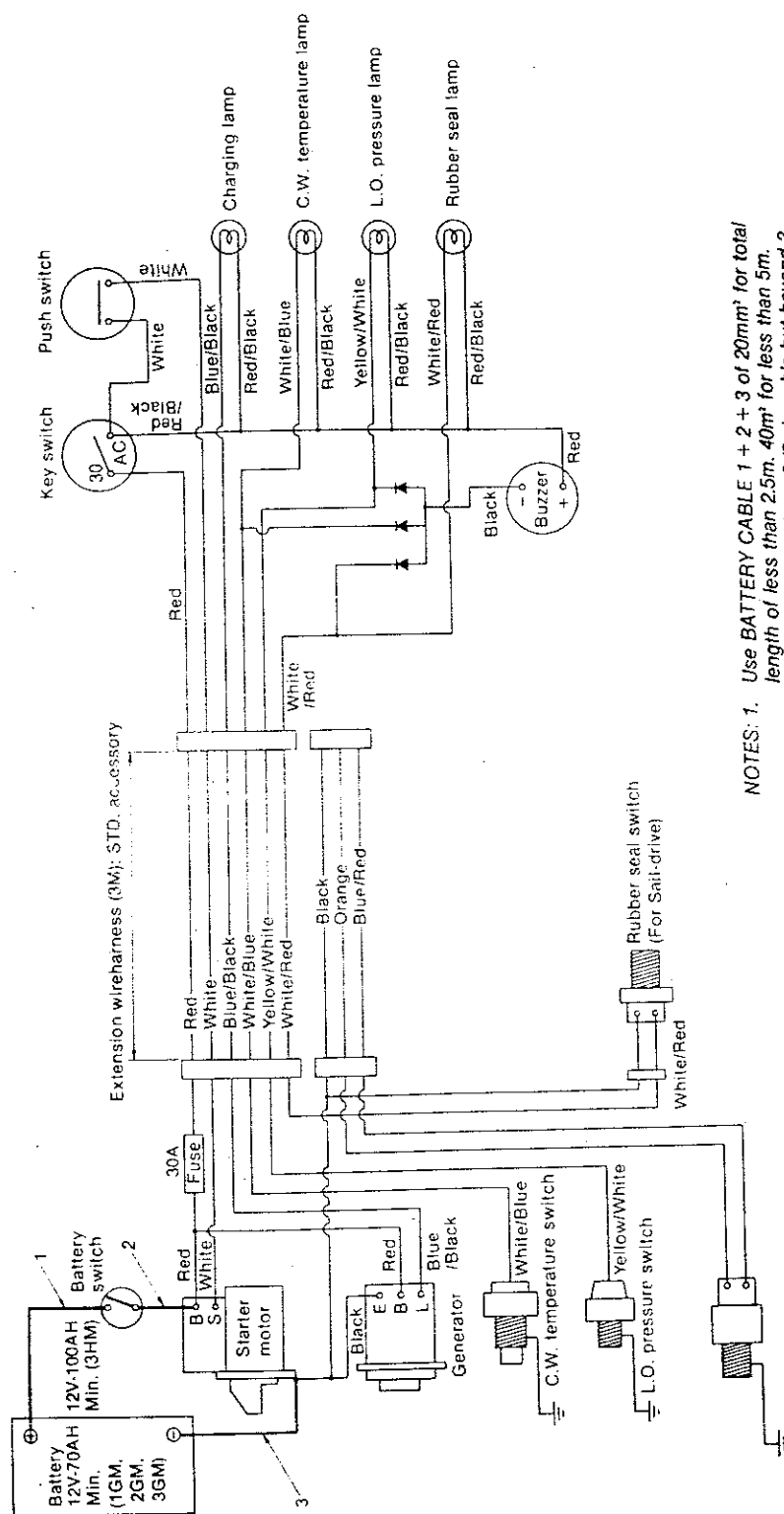
ISOMAT BOOM REEFING





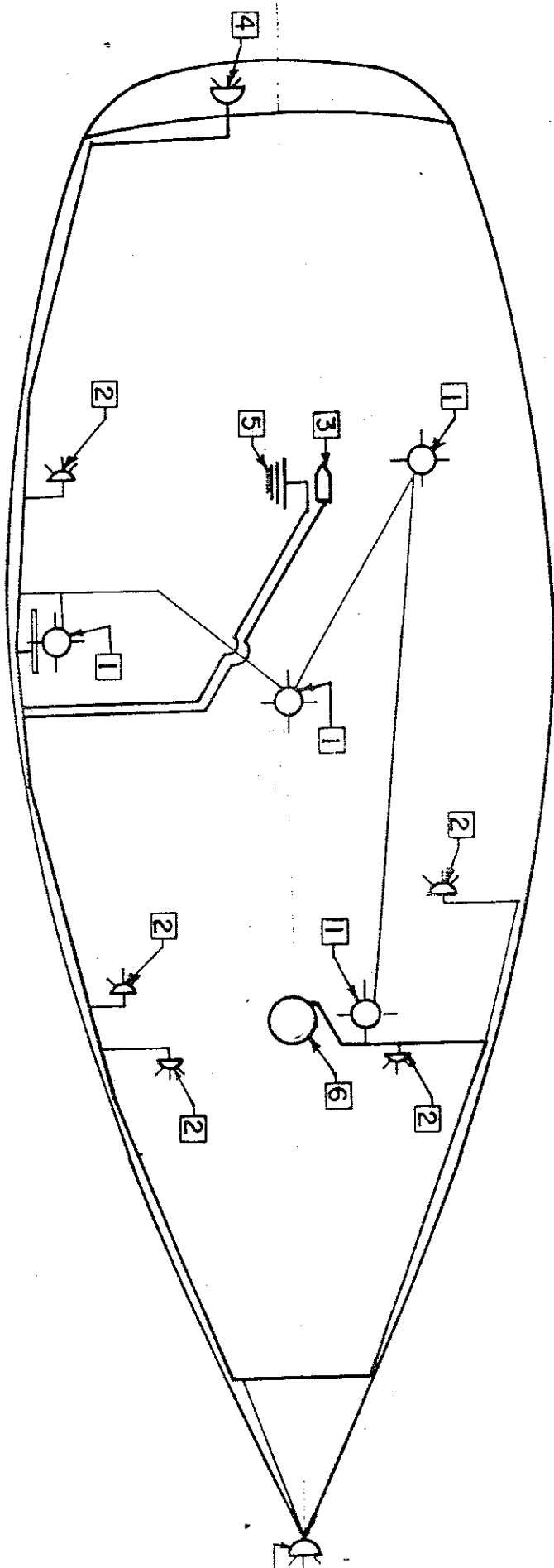
FREEDOM LAZY JACK DETAIL

1-2.2 For the A-type (small) instrument board



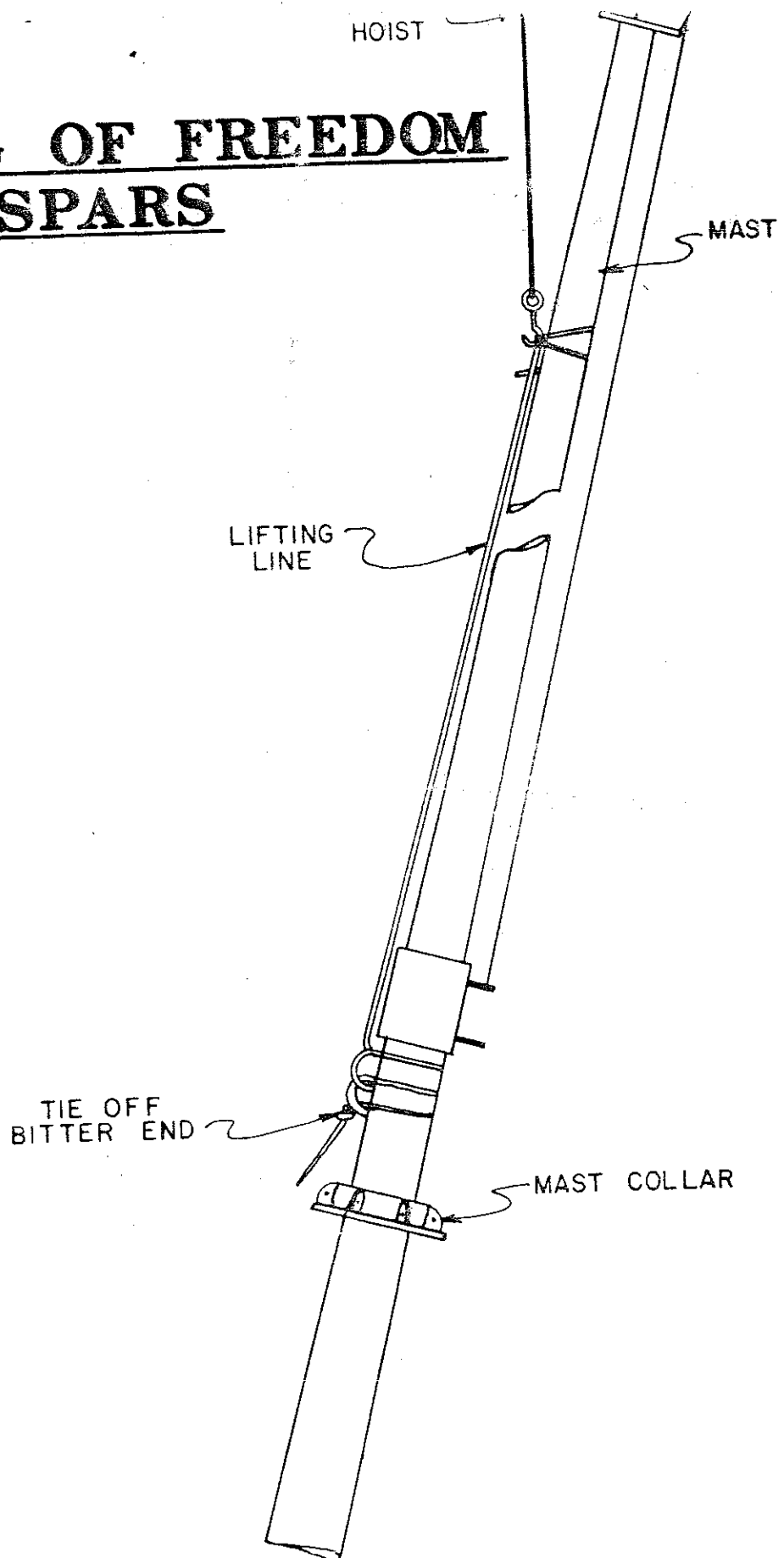
NOTES: 1. Use BATTERY CABLE 1 + 2 + 3 of 20mm² for total length of less than 2.5m, 40m² for less than 5m.
2. Extension cord: Up to 2 (6m) usable but beyond 3 prohibited.

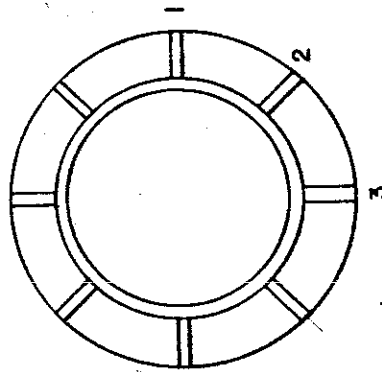
- 1) DOME LIGHTS
- 2) BRASS SWIVEL LIGHTS
- 3) STARTER
- 4) RUNNING LIGHTS
- 5) GROUND
- 6) MAST



STANDARD ELECTRICAL HARNNESS

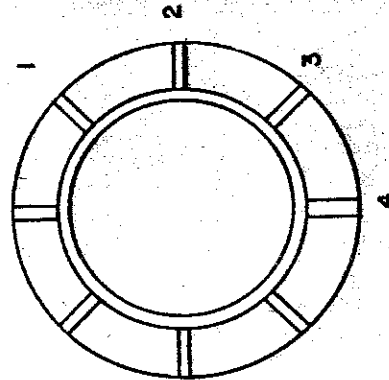
HOISTING OF FREEDOM SPARS





1. HALYARD SCH 05-05
2. REEF SCH 05-05
3. VANG SHACKLE SCH 35-01 TACKLE

MAIN MAST COLLAR



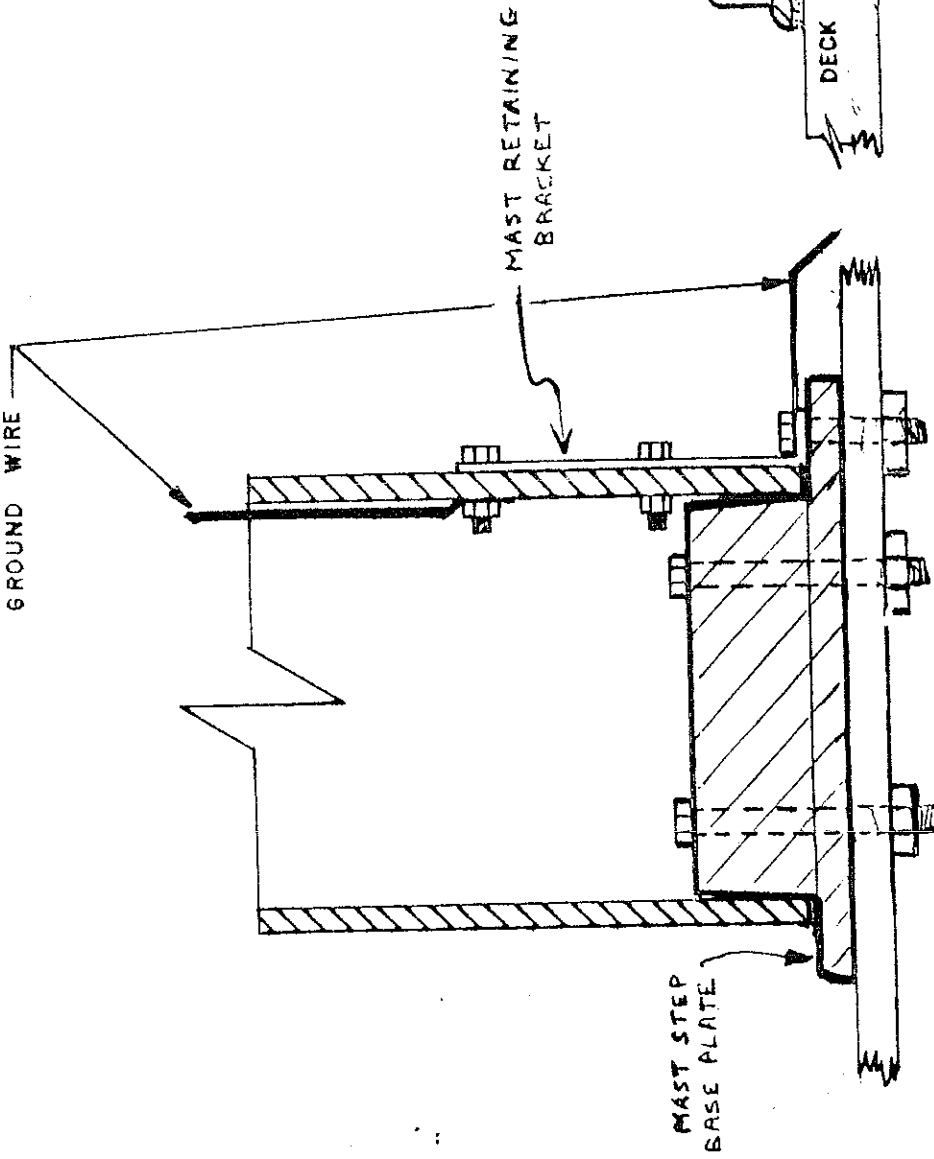
1. STAYSAIL HALYARD SCH 05-05
2. HALYARD SCH 05-05
3. REEF SCH 05-05
4. VANG SHACKLE SCH 35-01 TACKLE

MIZZEN MAST COLLAR

FREEDOM MAST INSTALLATION

Revised 11/18/93 BHD

GREEN NO. 8
GROUND WIRE



MAST STEP
BASE PLATE

MAST

MAST RETAINING
BRACKET

DECK

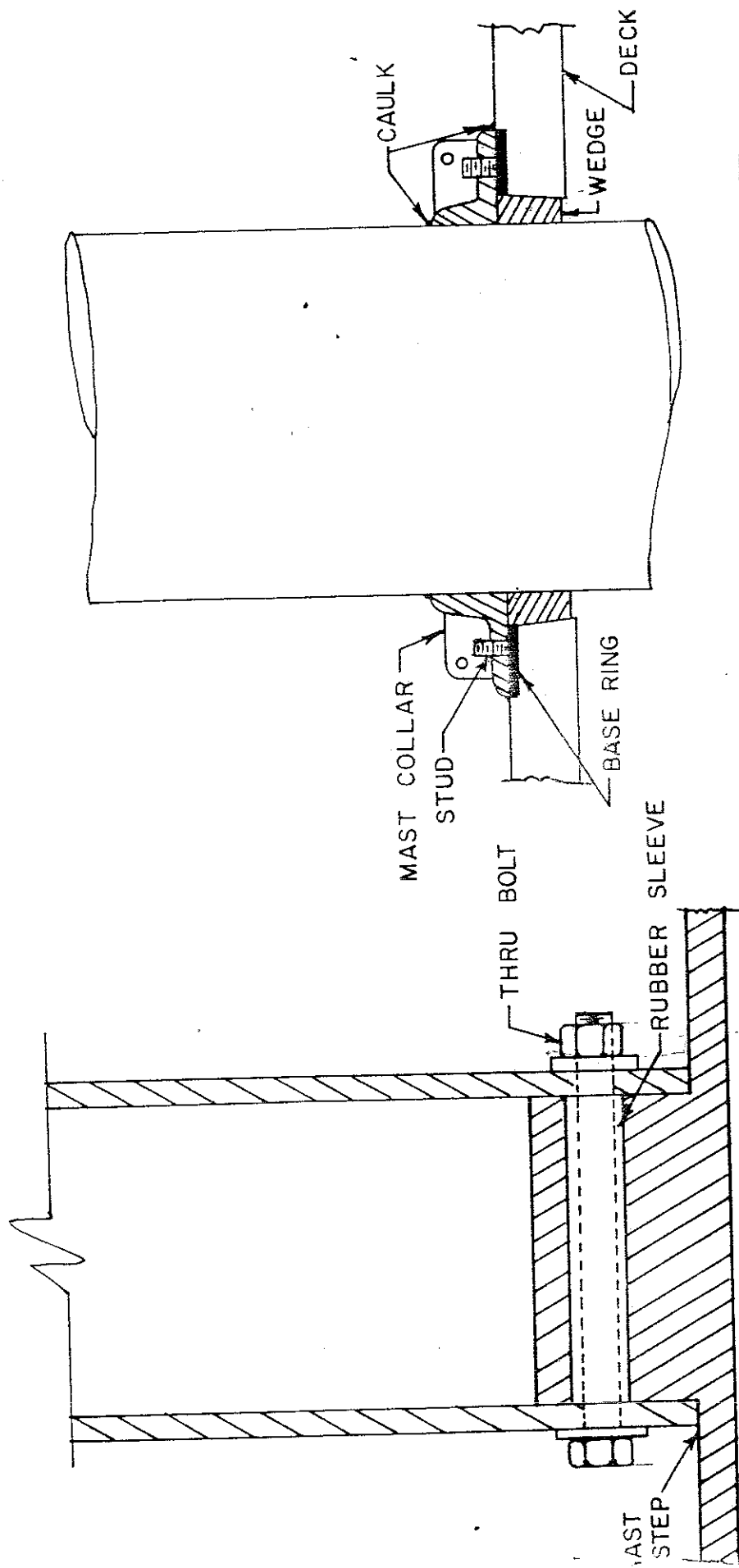
CAULKING
COLLAR
CAULKING
DECK
WEDGE

MAST STEP

(BASE PLATE TO BE BOLTED AND EPOXIED)
TO MAST STEP

MAST COLLAR

FREEDOM MAST INSTALLATION



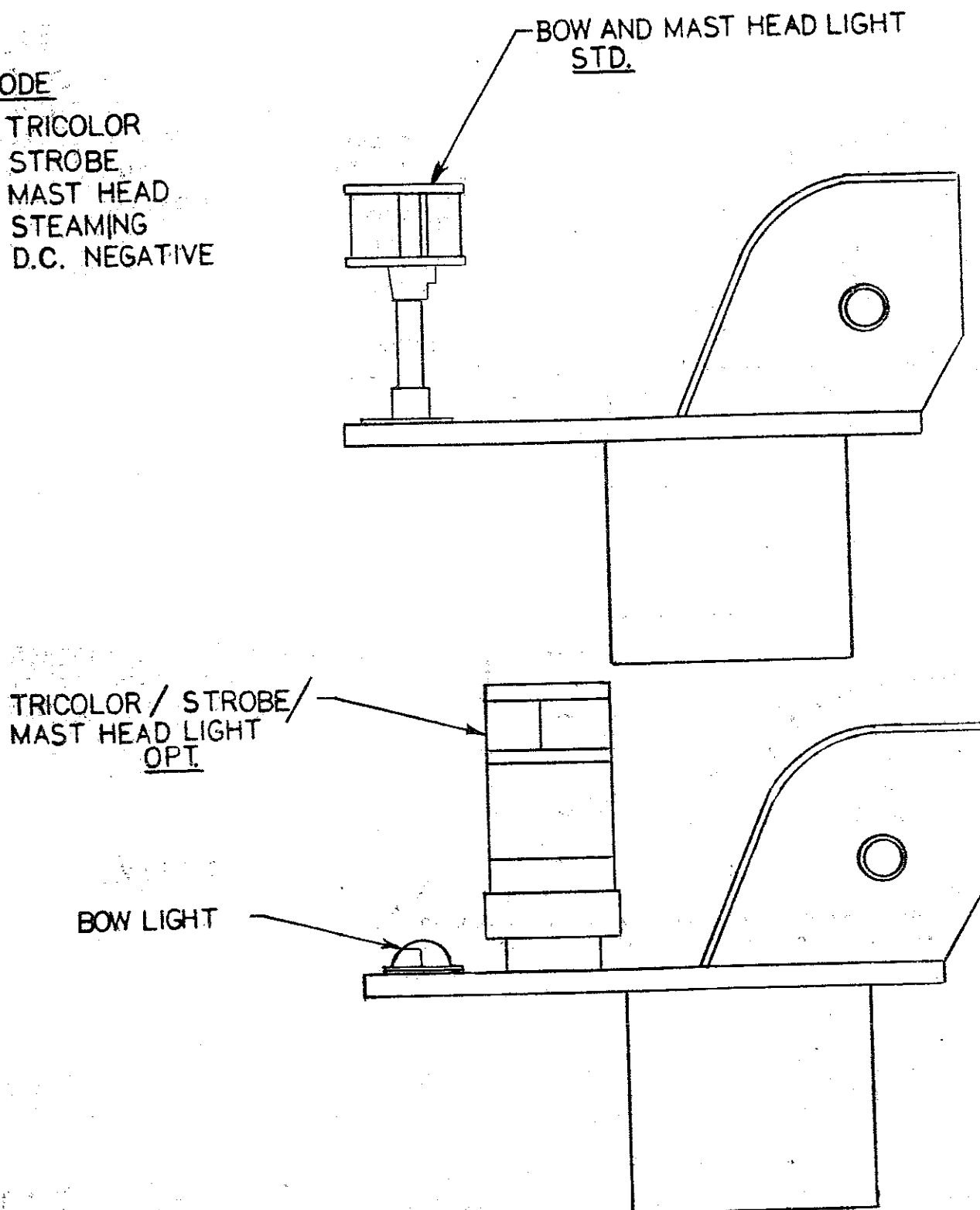
MAST COLLAR

MAST STEP

MAST HEAD WIRING

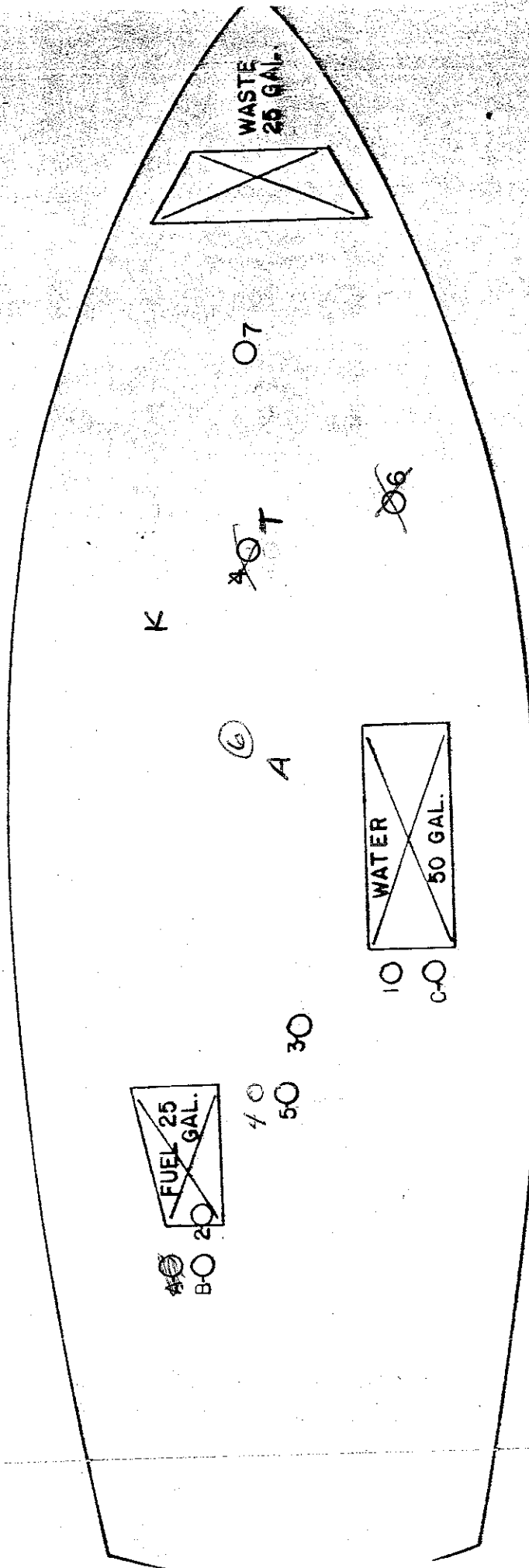
COLOR CODE

ORANGE - TRICOLOR
RED - STROBE
GREEN - MAST HEAD
WHITE - STEAMING
BLACK - D.C. NEGATIVE



FREEDOM 28

TANK, VALVE, AND PUMP LOCATIONS



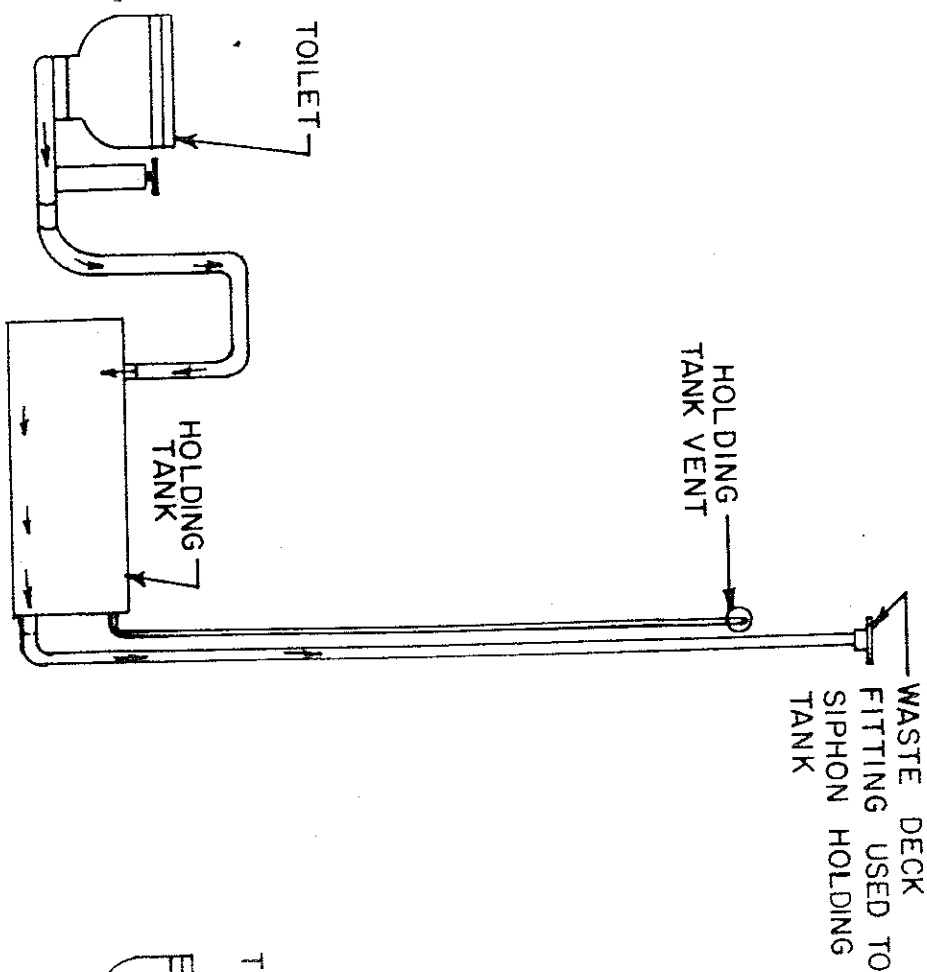
- ✓ 1. WATER SHUT OFF
- ✓ 2. FUEL SHUT OFF
- ✓ 3. SINK DRAIN SEACOCK - 1 1/2"
- ✓ 4. HEAD, SALTWATER INTAKE SEACOCK - 3/4"
- ✓ 5. ENGINE SALTWATER INTAKE SEACOCK - 3/4"
- ✓ 6. OPTIONAL WASTE SEACOCK - 1 1/2"
- ✓ 7. OPTIONAL WASTE 3 WAY VALVE

- ✓ A. OPTIONAL ELEC. BILGE PUMP
- ✓ B. OPTIONAL SHOWER SUMP PUMP
- ✓ C. OPTIONAL PRESSURE WATER PUMP

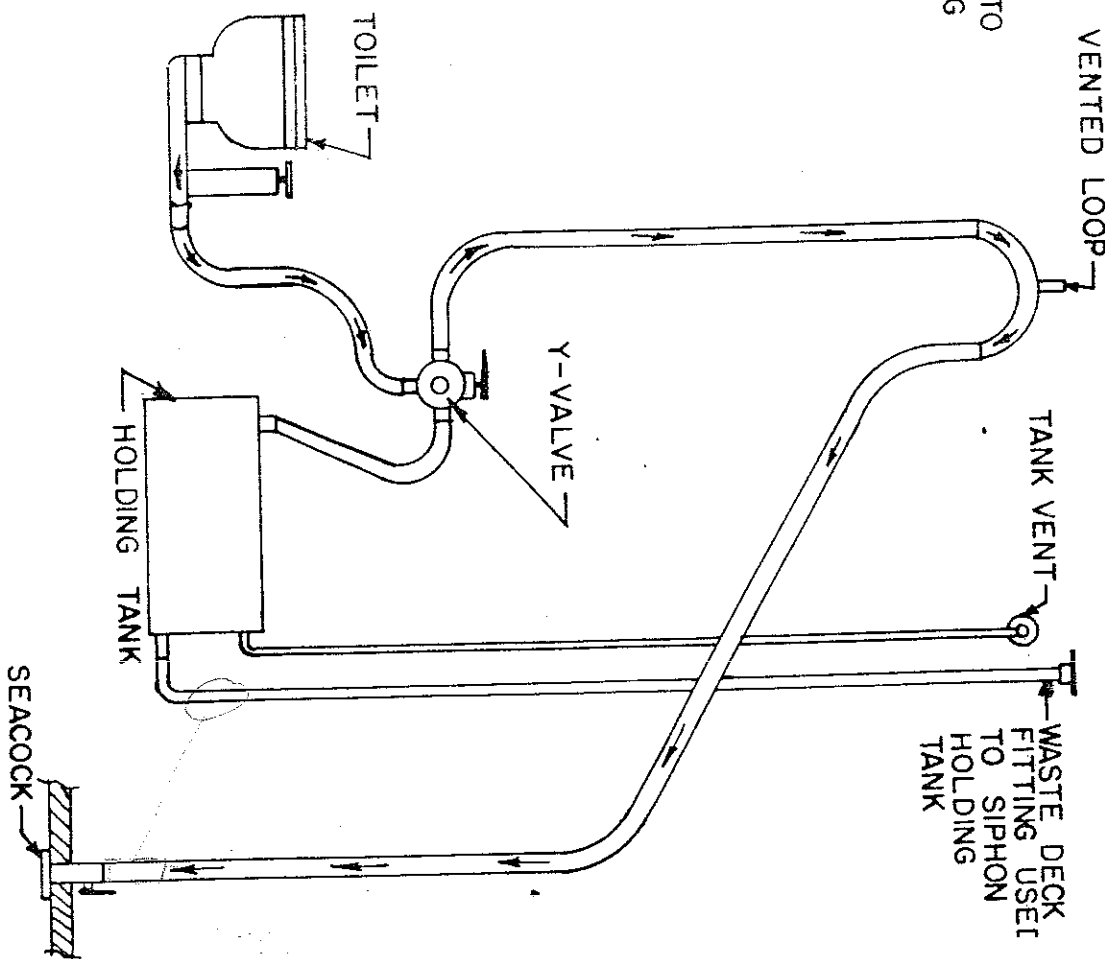
✓ K - Knotmeter

✓ T - Transducer

STD. HEAD DISCHARGE

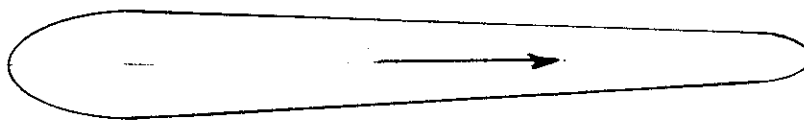


OPT. OVERBOARD DISCHARGE

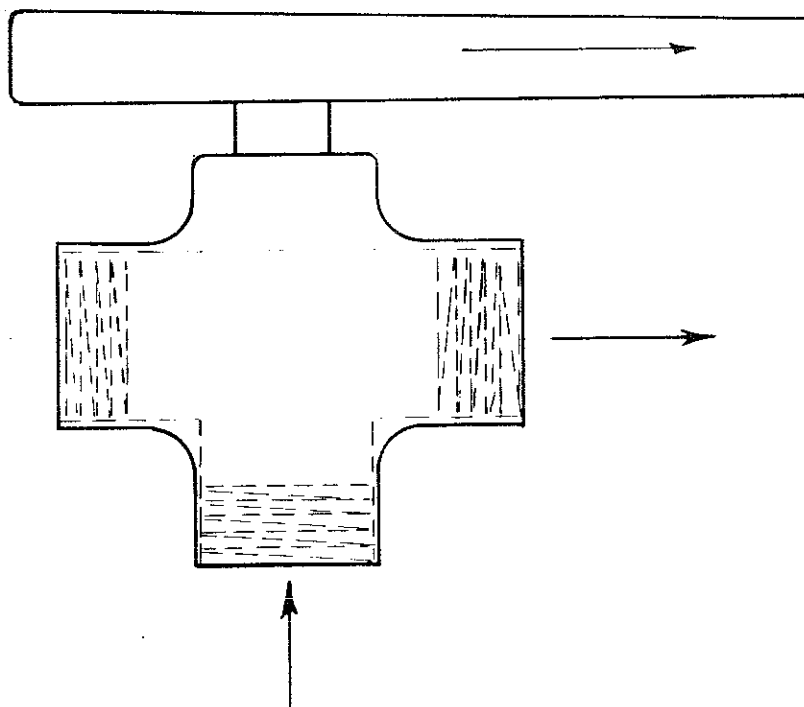


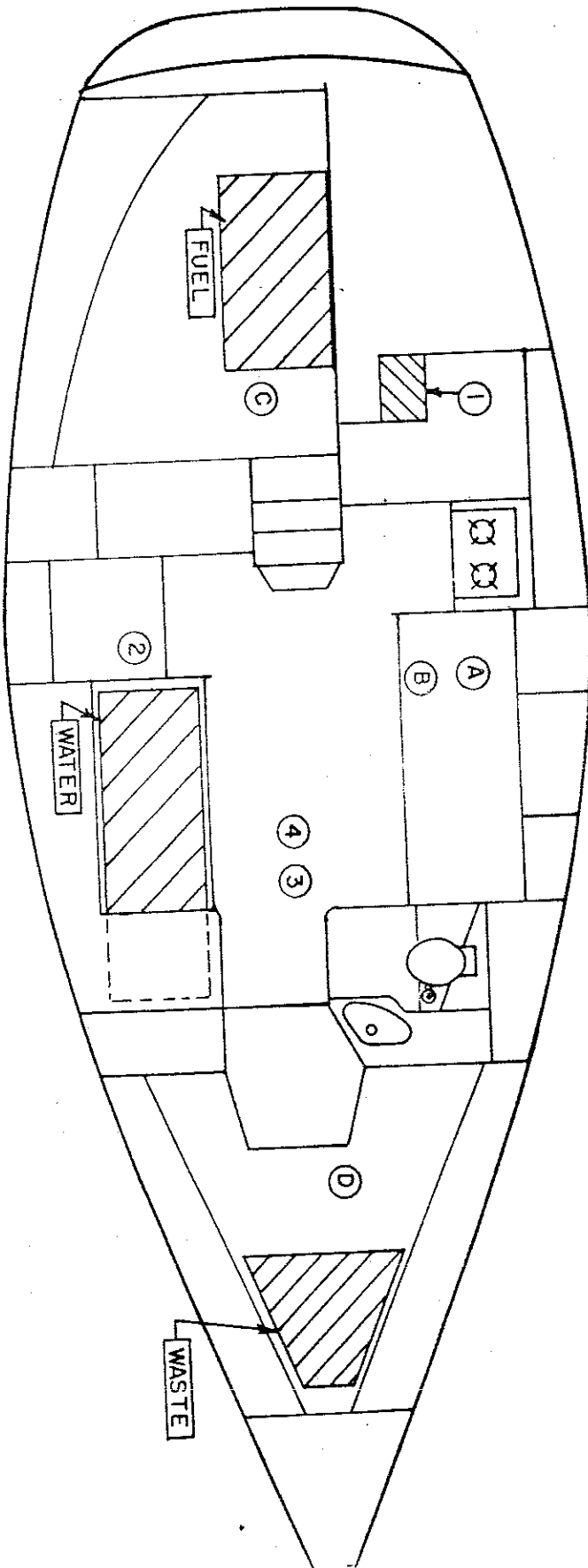
Y. VALVE POSITIONING

TO REDUCE CONFUSION WITH THE DIRECTION OF FLOW WITH THE HEAD DISCHARGE Y VALVE, THE LONG END OF THE HANDLE ON THE Y VALVE INDICATES THE DIRECTION OF FLOW.



DIRECTION OF FLOW





TANKAGE

WATER - 50 GAL
WASTE - 20 GAL.
FUEL - 20 GAL.

PUMP LOCATION

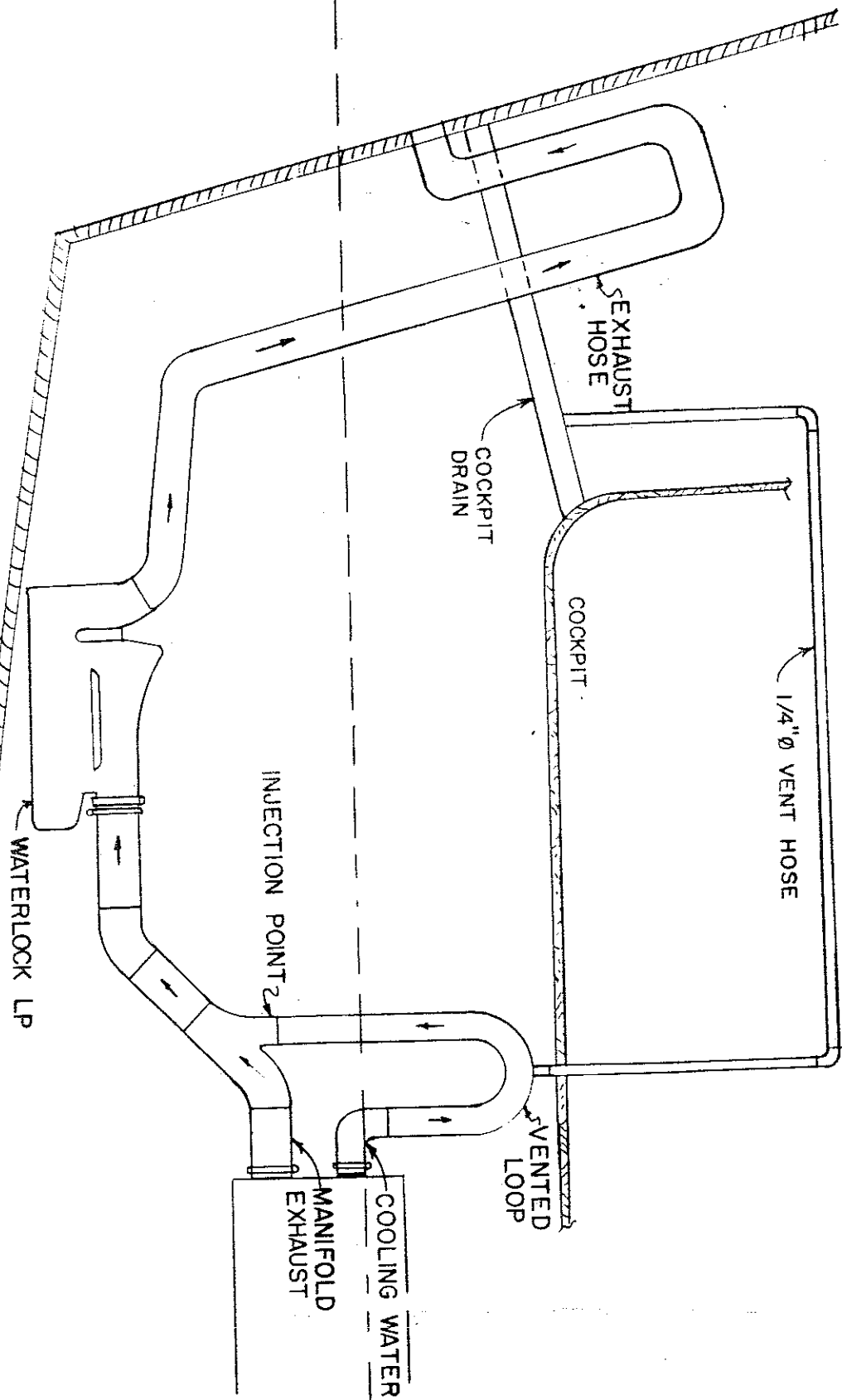
1- OPT. HOT WATER HEATER
2- OPT. WATER PRESSURE
3- OPT. SHOWER SUMP PUMP
4- OPT. ELEC. BILGE PUMP

SEACOCK LOCATIONS

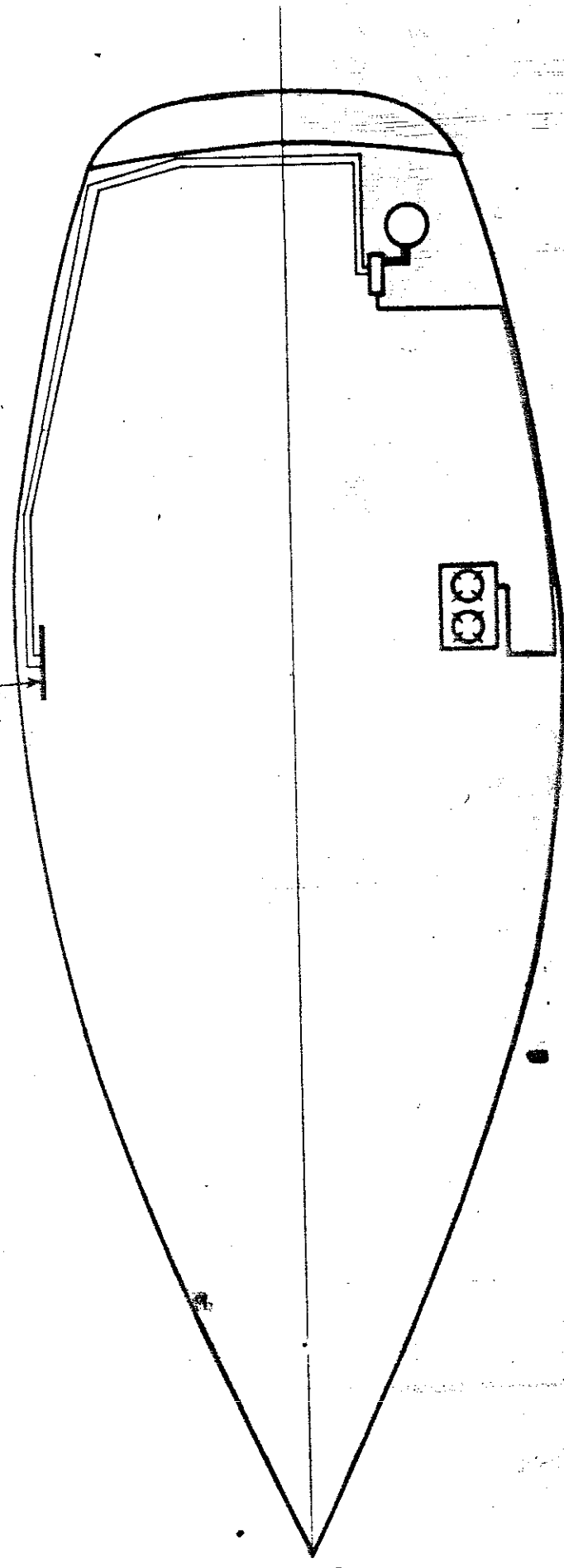
A- HEAD INTAKE
B- SINK DISCHARGE
C- ENGINE INTAKE
D- OPT. SOLID WASTE DISCHARGE

PUMP, TANK & SEACOCK LOCATION

30



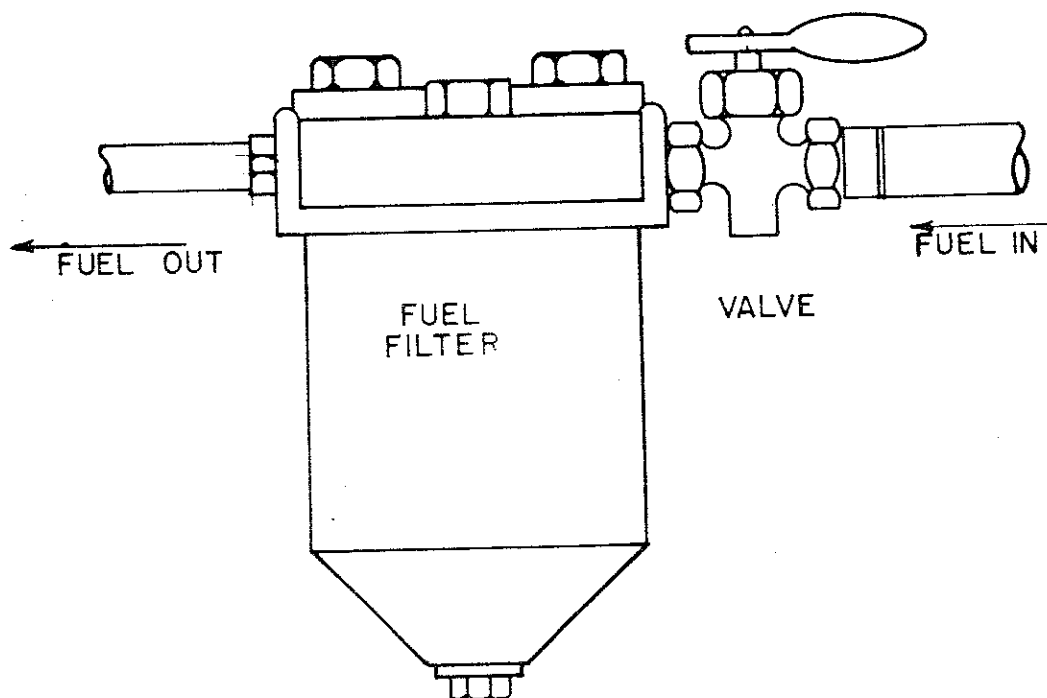
EXHAUST SYSTEM WITH WATERINJECTION POINT BELOW OR
 LESS THAN 6" ABOVE THE WATERLINE.
 THE TWO MAIN FUNCTIONS OF THE WATERLOCK ARE:
 1.) TO COLLECT THE WATER, WHICH IS PRESENT (by Injection) IN THE HOSE, AFTER THE ENGINE IS SWITCHED OFF;
 2.) TO REDUCE THE EXHAUST NOISE TO A MINIMUM.



A schematic diagram of a boat's propane system. The diagram shows the layout of the propane tank, regulator, solenoid, and burner assembly. The propane tank is located at the bow (front) of the boat. A line representing the propane line runs from the tank to the stern (back) of the boat. Along this line, there is a solenoid valve and a burner assembly. The burner assembly is located near the stern and consists of a burner head and a control valve. A label with an arrow points to the control valve, indicating its function as an on/off breaker with an indicator light.

ON/OFF BREAKER W/ INDICATOR LIGHT

OPT. PROPANE SYSTEM



FUEL FILTER

NOTE: FUEL FILTER LOCATED ON FWD.
FACE OF THE FUEL TANK.