

## XXII. AUXILIARY PUMPS AND EQUIPMENT

## A. Fuel:-

1. Two (2) 2" Roper, 7-1/2" HP fuel oil transfer pumps in lower pump room.
2. Two (2) 2" Roper, 7-1/2" HP fuel oil service pumps in engine room.
3. One (1) Fram dual-mounted filter/separator.
4. One (1) Delaval Model 65-03 fuel oil purifier.
5. One (1) Roper 1-1/4" waste oil pump.

## B. Salt Water Cooling and Ballast Pumps:-

1. Four (4) vertical turbine pumps, 1,500 gpm @ 250' TH, each driven by 125 HP, 1800 rpm motor (located two in lower pump room).
2. Two (2) vertical turbine pumps, 900 gpm @ 250' TH, each driven by 75 HP, 1800 rpm motor (located one in each lower hull pump room).

These pumps supply salt water for all requirements including:-

- a) Diesel generators cooling.
- b) Airconditioning.
- c) Distillation units.
- d) Sanitary system.

## C. Drillwater Pump:-

1. One (1) vertical turbine, 900 gpm, driven by 75 HP motor, located in starboard lower hull pump room.

Additionally, the 75 HP ballast pump functions as the alternate drillwater pump.

## D. Fire Pumps:-

1. Two (2) 2 x 3R Mission 50 HP with AC motor.

## E. Potable Water Pressure Set:-

1. One (1) set consisting of 220 gallon tank, two (2) 5 HP pumps and miscellaneous gauges, switches, etc.