

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.