

S.S. "LACONIA". 826 CONTRACT.

LIST OF SPARE GEAR.

MAIN CIRCULATING PUMPS. Weir's Turbine Driven Centrifugal.

- 2 Impellers.
- 2 - 2" Bearings.
- 2 - 3" Bearings.
- 6 Shaft Sleeves.
- 1 - 2" Steam Valve and seat
- 8 Nests of Carbon Packing with springs.
- 2 Stop Gear Springs.
- 8 Spare Springs.
- 2 Pump Sentinal Valve Springs.
- 32 Copper Lock Washers.
- 2 sets 5/8" square soft packing.
- 2 sets 1/4" square soft packing.

AUXILIARY CIRCULATING PUMP.

- 1 pair of Crosshead Bushes with bolts and nuts.
- 1 pair of crankpin bushes with bolts and nuts.
- 1 hook for turning lever. 1 set of spanners in rack.

MAIN FEED PUMP. Weir's Turbo Driven.

- 1 Impeller with packing rings.
- 2 Bearings.
- 1 Shaft sleeve.
- 1 Restriction plug.
- 6 nests of carbon packing with springs (18 segments).
- 1 - 2" steam valve and seat complete.
- 1 Bush. Suction Branch Liner.



- 1 Pressure Governor Spring.
- 1 Stop Gear Spring.
- 1 - 4" Throttle Discharge Valve Spring.
- 1/2 lb. Soft Packing.
- 1 Wheel Fixing Pin.
- 13 Copper Lock washers.

AUXILIARY FEED PUMPS. Weir's D.A. Vertical Pumps.

- 60 - 1 1/2" Spindle Cut Valves.
- 24 - 1 1/2" Bronze Springs.
- 3 - 11 1/2" Imperious No.3 Bucket Rings.
- 4 - 15 1/2" Ramsbottom Piston Rings.
- 8 Spanners and 2 Racks.
- 2 Starting Levers.

WEIR'S SURFACE FEED HEATER (MAIN).

- 80 - 1 1/2" Copper Tubes 6'4 1/2" long x 12 W.G.
- 1 Tube Expander.

EXTRACTION PUMPS.

- 1 Top Impeller.
- 1 Bottom Impeller.
- 2 Hoffman Ball Bearings.
- 4 Hoffman Ball Bearings.
- 2 Skefko Ball Bearings.
- 2 Skefko Ball Bearings.
- 1 - 1 1/2" Steam Valve Complete.
- 2 Shaft Sleeves.
- 2 Speed Governor Springs.
- 6 Nests, Carbon Packing.
- 8 Monel Springs.
- 2 Helical Stop Gear Springs.
- 2 Flat stop gear springs.
- 4 knock out knob springs.



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AIR EJECTORS.

- 1 H.B. Steam Nozzle with holder)
- 12 H.B. Steam Nozzles with holder) in C.I. Protector.
- 1 G.M. Valve Seat, Guard, washer, nuts and monello valve.
- 3 H.B. Steam nozzles with holder)
- 7 H.B. " " " ") in C.I. Protector.
- 1 G.M. Valve Seat, guard, washer, stud, nuts and monello valve.
- 1 " " " " " " " " " "
- 6 - 5/8" x 14 W.G. Solid drawn copper tubes 2'6 1/2" long.
- 1 Box spanner and 1 toggle.

HEATER CONDENSER.

- 167 Solid Drawn brass tubes 5/8" dia. x 18 W.G. x 4'2 1/2" long.
- 334 Brass Ferrules.
- 334 Gromets
- 1 Packing Tool and 1 Ferrule Driver.

SUPPLEMENTARY FEED VALVES.

- 2 Gland Leathers.
- 2 Steel springs 7 3/4" long 4 1/2" dia.
- 1-8" Copper Flange
- 1 - 1 1/2" dia. Monel Metal Valve.
- 1 Monel Metal Valve Seat.

OVERFLOW VALVE.

- 2 Gland Leathers.
- 1 Steel Spring 15" long.

EJECTOR CONDENSER.

- 3 H.B. Steam Nozzles with holders in C.I. Protector.
- 1 G.M. Valve Seat, guard, stud, nut and monello valve.
- 15 S.D. Copper Tubes 5/8" x 14 W.G. x 17 1/2" long.
- 1 Tube Expander.



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SURFACE FEED HEATER (AUX).

- 14 Copper Tubes 1" x 12 W.G. x 5'10 $\frac{1}{4}$ " long.
- 1 Tube Expander.

FLOAT FILTER TANK.

- 175 Sponges.

FORCED LUBRICATION PUMPS. (2)

- ✓ 52 Monello Valves. 2 $\frac{7}{8}$ " and 2 $\frac{1}{2}$ "
- ✓ 52 - 1 $\frac{1}{2}$ " Bronze Springs.
- ✓ 8 - 11" Ramsbottom Piston Rings.
- ✓ 9 Spanners in Racks. 3 Levers.
- 1 spare pump complete on board

O.P. TRANSFER PUMPS.

- 4 - 9 $\frac{1}{8}$ " Steel Ring Valves.
- 4 - 5 $\frac{7}{8}$ " " " "
- 18 - 1 $\frac{1}{2}$ " Bronze Springs.
- 4 - 7" Ramsbottom Piston Rings.
- 12 Springs.
- 6 Spanners in Racks. 2 Starting Levers.

EVAPORATORS.

- 8 - 1 $\frac{1}{4}$ " Copper Coils.
- 14 Joints.

DISTILLING CONDENSER.

- 13 Tubes.
- 26 Packing Cords.
- 26 Brass Ferrules.
- 1 Packing Tool. 1 Ferrule driver.

*11B The Concord Co have
ordered 10 Lubrication pumps
cords & buckets to be used
as required on their ships*



FRESH & WASHING WATER PUMPS. Lamonts Pumps.

- 1 Set (8) Rubber Valves.
- 1 " (8) G.M. Valve Guards.
- 1 - 1/2" x 5/8" Double ended spanner.
- 1 - 3/4" x 7/8" " " "

EMERGENCY BILGE PUMP. Carruthers Motor Driven.

- ✓ 8 I.R. Valves.
- ✓ 8 Valve Guards.
- ✓ 2 Box Keys.
- ✓ 8 Spanners in Rack.

FRESH WATER FILTER.

- 1 G.M. Filtering Chamber with cloth.
- 3 Cloths.

SUPERHEATERS.

- 384 Walkerite Joints.
- 100 Steel Plugs.
- 50 Studs and nuts.
- 20 Clamps.

CUMBERLAND ELECTROLYTIC SYSTEM.



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TORSIONMETER.

- | | |
|---|--|
| 1 Mirror Carrier complete with Mirrors. | 4 No.6 B.A.Nuts for Mirror Arm. |
| 1 Zero Mirror | 4 No.8 B.A.Screws for clamping plates. |
| 2 Conn.Spring (Flat) | 3 220 Volt Lamps. |
| 2 No.4 B.A.Capstan Headed Screws. | 1 Glass Scale. |
| 1 Adjusting Spring (spiral). | 2 Small Spanners. |
| 1 Adjusting Nut. | 1 Screw Driver. |
| | 1 Cleaning Rod. |

FORCED DRAUGHT FANS.

- 1 Armature.

MOTOR DRIVEN BALLAST PUMP & STEAM BALLAST PUMP.

- 8 Valve Guards.
- 4 Valve Studs.
- 8 India Rubber Valves.
- 2 Box Keys
- 3 Spanners.
- 1 Rack.

BILGE & FIRE PUMPS.

- 1 Set Spanners in Rack.

OIL FUEL INSTALLATION.

- 4 Suction Strainer Bags.
- 4 Discharge Strainer Bags (Large Installation).
- 4 Discharge Strainer Bags (Small Installation).
- 36 Burner Bodies.
- 36 Burner Caps.
- 216 Burner Nozzles.
- 216 Burner Diaphragms.



36 Firebrick Quarls.

✓ 9 Thermometers.

24 - 1/2" Gauge Glasses. 13 1/4" long.

1 Set Springs.



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