

LIST OF SPARE GEAR FOR SHIP NO. 685

IN ENGINE.

- Pair Connecting Rod Bushes, Lower end with Bolts.
- Pairs Connecting Rod Bushes, upper end with Bolts.
- Pair Main Bearing Bushes.
- Main Bearing Studs and nuts
- Main Bearing Studs and nuts.
- Piston and Rod (No rings fitted).
- sets Piston Rings.
- Exhaust Valves with casing, springs, etc., complete, with and 4 Adjusting Screws.
- Starting Valves with casing, springs, etc., complete, and 2 Adjusting Screws.
- Starting Valve Spindles.
- Fuel Valves with casing, springs, etc., complete.
- Fuel Valve Body adjustable ends (Ends only).
- Fuel Valve Brass Sleeves.
- Fuel Valve Spindles.
- C.I. Rings for Exhaust Valve Spindles.
- Fuel Pump Plungers.
- Thermometer Bends.
- Rollers of each size with pins.
- sets Air Compressor Valves complete.
- H.P. Air Compressor (Suction & Delivery) Valve Springs.
- M.P. Air Compressor (Suction) Valve Springs.
- L.P. Air Compressor (Suction) Valve Springs.
- Gages of each kind for Compressor Valves (For Main, Manoeuvring, Auxiliary, M.P., and L.P. Suction and Delivery).
- Safety Valve for air compressor.
- Engine Cylinder Relief Valves.
- Sets Piston Rings for air compressor.
- Pair Bushes for upper and lower end of air compressor Connecting rod with bolts.
- Complete set of Springs for one engine.
- set of Packing for one fuel pump.
- 5 lbs. Wains Packing.
- 3 lbs. 1/4" Palmetto Packing.
- 3 lbs. Asbestos Cord.



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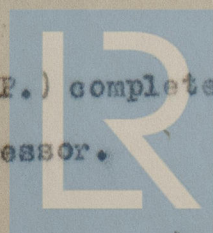
LIST OF SPARE GEAR FOR SHIP NO.

MAIN ENGINE.

- 2 Sheets of 1/32", 1/16" thick Permanite Jointing, 4'-0" x 4'-0"
- 2 Sheets 1/8" Asbestos Millboard, 4'-0" x 4'-0".
- 1 set of Studs & Nuts for Cylinder Cover Inlet Exhaust Fuel and starting valves.
- 1 Cylinder Cover without valves.
- 1 Expander for fuel valve tubes in covers.
- 1 set of Pipes for piston-cooling gear.
- 16 Centre Cooling Pipes for piston-cooling gear.
- 4 Outer Piston-cooling Pipes with flanges brazed.
- 8 Intermediate tubes with ported nuts brazed on & 6 Jamb nuts.
- 8 Internal tubes and 4 caps.
- 72 Lock Nuts for internal pipes.
- 48 Woodite Rings for " "
- 32 Woodite Rings for piston-cooling gland.
- 24 Rubber Rings for internal pipe caps.
- 4 Cooling coils for H.P. Air Compressor complete with ends (2 inner and 2 outer).
- 12 M.P. Cooler Tubes.
- 12 L.P. " "
- 1 set Expanders for compressor cooler tubes.
- 1 Complete set of working parts for one fuel pump plunger.
- A Quantity of assorted bolts and nuts.
- 1 Length of Fuel Pump Delivery Pipe.
- 1 Length of Fuel Valve Blast Pipe.
- 1 Delivery Pipes from compression air bottle.
- 4 Spare Cartridges for lubricating oil and fuel oil filters.
- 6 Valves for blast air bottle heads.
- 48 Gauze Wire Rings for oil filters.

AUXILIARY ENGINES.

- 1 Cylinder cover complete with studs, nuts and sleeves.
- 1 Piston with gudgeon pin fitted only.
- 1 Piston complete
- 1 Compressor cylinder and head (H.P.) complete with valves fitted.
- 1 Pair Bottom end Bushes for compressor.
- 1 Connecting Rod Bush, upper end.



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LIST OF SPARE GEAR FOR SHIP NO. 685G

AUXILIARY ENGINES.

- 4 Pairs Connecting Rod Bushes, lower end, with bolts.
- 1 Pair Main Bearing Bushes.
- 12 Main Bearing Studs and nuts.
- 3 Sets Piston Rings.
- 8 Fuel Valve Spindles.
- 4 Fuel Valves with casings complete
- ~~2 Fuel Valves with casings complete~~
- 4 Exhaust Valves with casings complete.
- 8 Exhaust Valve Spindles.
- 24 I.R. Rings for Exhaust Valve Water Joints.
- 3 Starting Valves with casings complete.
- 1 Complete set of springs for one engine.
- 2 Governor Springs (200 revs.)
- 1 set Of Valves for Fuel Pump.
- 1 Complete set of Working Parts for one Fuel Pump Plunger.
- 4 Sets Air Compressor Valves complete.
- 6 H.P. and 6 L.P. Valves only.
- 6 H.P. and 6 L.P. Springs; for cages for valves.
- 2 Sets Piston Rings for one air compressor.
- 1 H.P. Cooling Coil.
- 1 Engine Cylinder Relief Valve.
- 1 L.P. Cooling Coil.
- 1 Set of Studs with nuts for one cylinder cover.
- 4 Fuel Pump Plungers.
- 2 Filters for lubricating oil pump.

MANOEUVRING AIR COMPRESSOR.

- 1 Complete set of Valves.
- 1 set Piston Rings.
- 1 Pair Connecting Rod Bushes, upper end.
- 1 Pair Connecting Rod Bushes, lower end.
- 12 H.P. Cooler Tubes.
- 12 L.P. " "
- Cages for Valves.



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AUXILIARY MACHINERY.

set of Valves (Suction & Delivery) for Bilge Pump.
" " " " " for Ballast Pump.
sets of Valves " " for Piston Cooling Pumps.
set of Valves " " for Fresh Water Pumps.
Set of Valves " " for Feed Pump.
set of Valves for Emergency Air Compressor.
Spring for relief valve or fuel pump.
Tubes, 24 ferrules, and 12 plugs for P.C. Water Cooler.
Set of Bucket Rings for Bilge Pump.
Set of Bucket Rings for Ballast Pump.
set of Bucket Rings for Piston Cooling Pump.
set of Bucket Rings for Fresh Water Pump.
set Piston Rings for Boiler Feed Pump.

VALVER.

Spring for Safety Valve.
Valve for Feed Check Valve.
Water Gauge Glasses and 24 Packing Rings.
10-ins. Firebrick Quarls (4 Pieces).
Small type Thermometer for oil fuel.

RAFTING.

set Tunnel Shaft Coupling Bolts and nuts.
Propeller Blades, one right and one left hand. (Cast iron).
set Crank Shaft Coupling bolts and nuts.
Studs and nuts for propeller blades.
set Propeller Wedges.
Steel Shores for withdrawing propeller.
set of pads for one face of each thrust block.

ELECTRIC MACHINERY.

sets Brushes for Dynamo.
sets Brushes for Circulating and Sanitary Pump motor.
set of Brushes for Bilge Pump Motor.
sets of Brushes for Piston Cooling Pump Motor.
sets of Brushes for Lubricating Oil Pump Motor.
set of Brushes for Ballast Pump Motor.



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ELECTRIC MACHINERY.

- 1 set of Brushes for Fuel Oil Pump Motor.
 - 1 set of Brushes for Manoeuvring Air Compressor.Motor.
 - 1 sets of Brushes for Turning Gear Motor.
 - 1 set of Brushes for Lathe Motor.
 - 1 set of Brushes for Drilling Machine Motor.
 - 1 set of Brushes for Fresh Water Pump.
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