

Ship N. 9463

96/7/8/9/80/3/2

M/S "OLIVEBANK"

LIST OF SPARE GEAR FOR SHIP NO. 684 G

MA IN ENGINE:

- 1 Pair Connecting Rod Bushes lower end with bolts.
- 2 Pairs Connecting rod bushes upper end with bolts.
- 4 Main bearing studs and nuts
- 1 Piston (no rings fitted)
- 3 Sets Piston rings.
- 1 Cylinder cover complete without valves
- 1 set of studs and nuts for cylinder cover
- 12 Exhaust valves with casing springs etc. complete
- 4 Exhaust valve adjusting screws.
- 6 Exhaust valve box seating rings.
- 3 " " spindle seating-rings
- 2 Starting valves with casing, springs etc. complete with adjusting screws.
- 1 Starting valve spindle.
- 3 Fuel valves with casings springs etc. complete.
- 6 Fuel valve spindles.
- 2 Cylinder relief valves complete
- 1 Roller of each size with pins.
- 1 Set air compressor valves complete with cages and springs.
- 2 sets piston rings for air compressor.
- 1 Pair lower end air compressor connecting rod bolts.
- 1 Complete set of springs for one engine
- 12 Additional springs for exhaust valves.
- 1 set of packing for one fuel pump
- 5 Lbs of Wain's packing.
- 3 Lbs 1/4" Palmetto packing.
- 3 Lbs asbestos cord.
- 2 sheets of 1/32" 1/16" thick permanite jointing, 4'0" x 4'0"
- 2 Sheets of 1/8" Asbestos Millboard 4'0" x 4'0".
- 1 Set of pipes for piston cooling gear.
- 6 Centre piston cooling pipes with flanges brazed.
- 3 Intermediate tubes with ported nuts brazed on and 6 jamb nuts
- 3 Internal tubes and 2 caps.
- 12 Lock nuts for internal pipes.
- 6 Woodite rings for piston cooling gland.
- 12 " " " Internal pipes.
- 12 Rubber rings for internal pipe caps.
- 1 Pair cooling coils for HP Air compr. complete with flanges.
- 12 M.P. Cooler Tubes.
- 12 L.P. do
- 1 Set Expanders for comp. cooler tubes.
- 1 Length Fuel Pump Delivery pipe.
- 1 " " Valve Blast air Pipe.
- 1 " / Delivery pipe from blast air bottle.
- 6 Fuel Oil pump plungers.
- 1 complete set of working parts for one fuel pump plunger.
- A quantity of assorted bolts and nuts
- 12 Rubber rings of each size for main cylinder liners.
- 12 Rubber rings for cylinder starting valves.
- 12 Rubber rings for compressor hood.
- 12 Rubber Rings for exhaust valves.

AUXILIARY ENGINES.

- 1 Crankshaft with gear wheel attached.
- 1 Pair connecting rod lower end bolts.
- 2 Main bearing studs and nuts
- 1 Set Piston rings (for steam and diesel engines)
- 1 Fuel valve with casing, complete.
- 3 Fuel valve spindles.
- 2 " " brass sleeves.
- 2 Exhaust valves with casings, complete.

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LIST OF SPARE GEAR FOR SHIP NO. 684 G

AUXILIARY ENGINES (CONT'D)

Exhaust valve spindles.
Starting valve with casing, complete.
Cylinder relief valve complete
Complete set of springs for one engine.
Governor springs.
Additional inlet and exhaust valve springs.
Fuel pump plungers.
Set Valves for fuel pump.
Complete set of working parts for one fuel pump plunger.
Set air compressor valves, complete with springs.
Sets piston rings for one air compressor.
H.P. Cooling coil.
L.P. do
Rubber Rings for cylinder liner of each size.
Rubber rings for compressor hood.
" " " Exhaust valves.
Filter for lubricating pump.
Set of studs and nuts for one cylinder cover.

MANOEUVRING AIR COMPRESSOR.

Complete set of valves.
set of piston rings.
2 L.P. Cooler Tubes.
2 H.P. do

AUXILIARY MACHINERY.

1 Set of valves suction and delivery for bilge pump
1 set of valves suction and delivery for ballast pump
1 set of valves suction and delivery for piston cooling pump
1 Set of valves suction and delivery for condenser air pump
with bucket, rod and head valve seat.
1 Set of valves suction and delivery for boiler feed pump, with seats.
1 Set of valves fore emergency air compressor.
1 Set of bucket rings for bilge pumps.
1 set of bucket rings for ballast pumps
1 Set of bucket rings for piston cooling pumps
1 set of piston and bucket rings for the air and circulating pumps.
1 Set of piston and bucket rings for boiler feed pumps.
1 Spare Cartridge for lubricating oil and fuel oil filters.
1 Spring for relief valve of fuel pump.
12 Tubes and 24 ferrules and 12 plugs for P C water cooler.
12 Tubes and 50 ferrules for condenser.
1 Evaporator coil.

BOILER

1 Spring for safety valve
1 Valve for feed check valve.
12 Water gauge glasses and 24 packing rings.
12 boiler door joints.
6 Boiler tubes.

OIL FUEL INSTALLATION

1 Burner.
12 Burner Tips
1 Burner supply valve
1 Burner supply pipe
6 Burner springs.
1 Suction filter basket.
1 Delivery " basket.
2 Flame Controls.
2 Jacket Tubes.



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OIL FUEL INSTALLATION (CONT'D)

- 1 Coil for Heater
- 1/2 Set of Group Valves and springs for oil fuel pump
- 1 Set of Steam piston rings for oil fuel pump
- 1 Set of piston rings for oil fuel pump
- 1 Set of spanners for installation.

SHAPTING.

- 1 Propeller shaft with right hand thread.
- 1 set Tunnel shaft coupling bolts and nuts
- 2 Propeller blades, one right and one left hand (M.B.)
- 1 Set Crankshaft coupling bolts and nuts.
- 1 Set studs and nuts for one propeller blade.
- 1 Set of pads for one face of each thrust block.

ELECTRIC MACHINERY.

- 3 Sets of Brushes for Dynamo.
- 2 " " Brushes for circulating and sanitary pump motor.
- 1 Set of Brushes for Balge Pump Motor.
- 2 Sets of Brushes for piston cooling pump motor.
- 2 Sets of Brushes for lubricating oil pump motor.
- 1 set of brushes for fuel oil pump motor
- 1 Set of brushes for manoeuvring air compressor motor.
- 1 set 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 ballast pump motor.
- 1 set of brushes for oil purifier motor.

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