

LIST OF SPARE GEAR FOR SHIP NO. 687G

22 JUN 1936

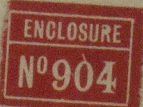
MAIN ENGINE:

- 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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AUXILIARY ENGINES (CONT'D)

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

MANOEUVRING AIR COMPRESSOR.

- 1 Complete set of valves.
- 1 set of piston rings.
- 12 L.P. Cooler Tubes.
- 12 H.P. do

AUXILIARY MACHINERY.

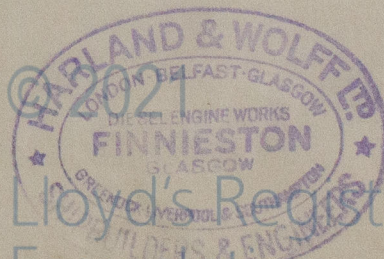
- 1 Set of valves suction and delivery for bilge pump
- 1 set of valves suction and delivery for ballast pump
- 1 ste of valves suction and delivery for piston cooling pump
- 1 Set of valves suction and delivery for condenser air pump with bucket, rod and head valve seat.
- 1 Set of valves suction and delivery for boiler feed pump, with seats.
- 1 Set of valves foreemergency 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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LIST OF SPARE GEAR FOR SHIP NO. 687G

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.

SHAFTING.

- 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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