

Lloyds

SHEET NO. 1.



SPARE GEAR

FOR

ENGINE NOS. 976-7-8.

D.O. - Drawing Office.

E.S. - Engine Shop & Stores.

B.S. - Boiler Shop and Stores.

ALL SPARE GEAR TO BE STOWED TO APPROVAL.



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W618 0242(1/4)

(Sheet No.2)

Ordered
by

SPARE GEAR

- D.O. 1 - Interchangeable crankshaft
- D.O. 2 - Crosshead bolts and nuts, 2.5/8" dia. 18.7/8" overall length.
- D.O. 2 - Crank pin bolts and nuts. 3.1/2" dia. 2' 8.5/16" overall length.
- D.O. 1 - Set of crank pin brasses.
- D.O. 1 - Set of crosshead brasses.
- D.O. 6 - Junk ring bolts.
- D.O. 1 - Set of eccentric strap bolts.
- D.O. 1 - Air pump bucket rod.
- D.O. 6 - Condenser tubes.
- D.O. 24 - Ferrules.
- D.O. 50 - Firebars.
- D.O. 2 - Sets of valves for Main Engine bilge pumps (3 in each set)
- D.O. 6 - Coupling bolts and nuts, 3" dia. 10" overall length for shafting.
- D.O. 1 - Complete all-brass filtering Cartridge (Hockings Feed Water Filter).

For Ballast Pump (A.G.Mumford Ltd.)

- D.O. 1 -Set of valves (8 in set)
- D.O. 2 - Piston Rod.
- D.O. 1 - Bucket Rod.

For Feed Pumps (G.& J.Weir Ltd.)

- D.O. 1 - Steam slide valve chest complete.
- D.O. 1 - Piston Rod)
) with crosshead and nuts..
- D.O. 1 - Pump Rod)
- D.O. 1 - Set of valves, guards and seats for one pump.

For Circulating Pump (Drysdale)

- D.O. 1 - Spindle.

For Sanitary Pump (A.G.Mumford Ltd.)

- D.O. 1 - Set of valves.

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SPARE GEAR

For Fan Engine (Howden)

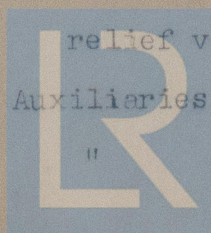
- D.O. 1 - Crankshaft
- D.O. 1 - Piston rod complete with slipper and crosshead brasses.
- D.O. 1 - Set of crank pin brasses with bolts.
- D.O. 2 - Bottom halves main bearing brasses with bolts.
- D.O. 1 - Slide valve.
- D.O. 1 - Slide valve spindle.
- D.O. 1 - Eccentric strap.
- D.O. 2 - Relief valve springs.
- D.O. 1 - Set of spanners fitted in rack.

Steel Helical Springs.

- D.O. 1 - For H.P.Cylinder relief valve 1.7/8" dia. 6.11/64" long
10 coils.
- D.O. 1 - For M.P.Cylinder relief valve 2.1/2" dia. 6.5/64" long
9 coils.
- D.O. 1 - For L.P.Cylinder relief valve 2.1/4" dia. 5.7/64" long
9 coils.
- D.O. 1 - For starting valve, 1" dia. 2.7/8" long, 7 coils.
- D.O. 1 - For deck and auxiliary machinery exhaust 4" dia. 8.3/4"
long, 9 coils.
- D.O. 1 - For feed heater exhaust, 1.13/16" dia. 4.1/2" long
8 coils.
- D.O. 1 - For Main feed pump discharge 3.194" dia. 10.1/8" long
9 coils.
- D.C. 1 - For Ballast and sanitary pumps discharge 1.25/32" dia.
6.1/2" long, 11 coils.
- D.O. 1 - For feed pump suction from boilers 27/32" dia. 1.3/4"
long, 7 coils.
- D.O. 1 - For bilge pump relief valve 2.1/4" dia. 5/8" long 9 coils.

Springs for steam reducing and relief valves.

- D.O. 1 - For steam to deck machinery reducing valve.
- D.O. 1 - " " " " " relief valve.
- D.O. 1 - For steam to Engine Room Auxiliaries reducing valve.
- D.O. 1 - " " " " " relief valve.



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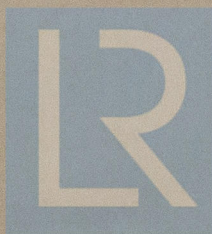
SPARE GEAR

Springs for steam reducing and relief valves(Contd.)

- D.O. 1 - For steam to steering engine reducing valve.
D.O. 1 - " " " " " relief valve.
D.O. 1 - For steam to dynamo engine reducing valve.
D.O. 1 - " " " " " relief valve.
D.O. 1 - For steam to cabin heating reducing valve.
D.O. 1 - " " " " " relief valve.

Rubber diaphragms for reducing valves.

- D.O. 1 - For steam to deck machinery.
D.O. 1 - " " " engine room auxiliaries.
D.O. 1 - " " " steering engine.
D.O. 1 - " " " dynamo engine
D.O. 1 - " " " cabin heating.



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