

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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WBIS 0242(1/4)

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SPARE GEAR

For Fan Engine (Howden)

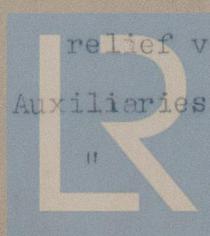
- D.O. 1 - Crankshaft
- D.O. 1 - Piston rod complete with slipper and crosshead brasses.
- D.O. 1 - Set of crank pin brasses with bolts.
- D.O. 2 - Bottom halves main bearing brasses with bolts.
- D.O. 1 - Slide valve.
- D.O. 1 - Slide valve spindle.
- D.O. 1 - Eccentric strap.
- D.O. 2 - Relief valve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