

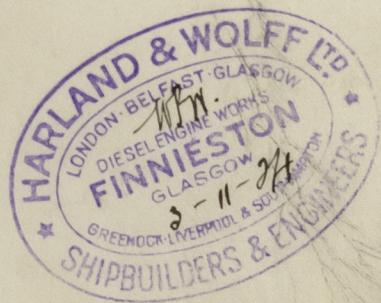
Glasgow Rpt. No. 44177

LIST OF SPARE GEAR FOR SHIP NO. 636D.

"Elmwood"

MAIN ENGINES.

- Pair Connecting Rod Bushes, Lower end with Bolts.
- Pairs Connecting Rod Bushes, upper end with Bolts.
- Pairs Main Bearing Studs and nuts.
- Piston (No rings fitted).
- Sets Piston Rings.
- Cylinder Head complete with liner and water jacket but without Valves
- set Studs and nuts for Cylinder Head Valves.
- Exhaust Valves with casing, springs, etc., complete.
- Exhaust Valve Adjusting Screws.
- Exhaust Valve Box Seating Rings.
- 3 Exhaust Valve Spindle Seating Rings.
- 2 Starting Valves with Casing, springs, etc., complete with adj. screws.
Inlet " " " " "
- Starting Valve Spindle.
- 2 Fuel Valves with casing, springs, etc. complete.
" " Body adjustable ends (Ends only)
- Fuel Valve Spindles.
" " Sleeve
- Cylinder Relief Valves complete.
- Roller of each size, with pins.
- set Air Compressor Valves complete, with cages and springs.
- Sets Piston Rings for air compressor.
- Sets " " " HP Do (Additional)
- Pair Lower End Air Compressor Connecting Rod Bolts.
- Complete set of Springs for one engine.
- Additional Springs for Exhaust Valves.
- set of Packing for one fuel pump.
- lbs. Wains Packing.
- lbs. 1/4" Palmetto Packing.
- lbs. Asbestos Cord.
- Sheets 1/32" , 1/16" thick Permanite Jointings 4'-0" x 4'-0".
- 2 Sheets 1/8" Asbestos Millboard 4'-0" x 4'-0".
- Sets of 3 pipes for Piston Cooling Gear.
- 6 Centre Cooling Pipes for Piston Cooling Gear.
- 2 Outer Piston Cooling Pipes with flanges brazed.
- 3 Intermediate Tubes with ported nuts brazed on & 6 Jamb Nuts.
- 3 Internal Tubes and 2 caps.
- 2 Lock Nuts for Centre Tubes.



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ENCLOSURE
No. 19

LIST OF SPARE GEAR FOR SHIP NO. 636DMAIN ENGINES:-

- 2 Cages of each kind for compressor valves (for main, Manoeuvring, Auxiliary, M.P. and LP Suction and delivery)
- 12 Elastic Discs for air compressor valves.
- 6 H.P. Air compressor valve springs.
- 6 M.P. do
- 6 L.P. do.
- 1 Safety Valve for air compressor



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LIST OF SPARE GEAR FOR SHIP NO. 636D

White Rings for Piston Cooling Gland.
 White Rings for Internal Pipes.
 Rubber Rings for Internal Pipe Caps.
 Cooling Coils for H.P. Air Compr. complete with flanges.
 P. Cooler Tubes.
 P. Cooler Tubes.
 of Expanders for Compr. Cooler Tubes.
 Length Fuel Pump Delivery Pipes.
 Length Fuel Valve Blast Air Pipe.
 Length of Delivery Pipe from Blast Air Bottle.
 Oil Pump Plungers.
 Complete set of Working Parts for 1 Fuel Pump Plunger.
 Quantity of assorted Bolts and Nuts.
 Rubber Rings ~~of each size~~ for Main Cylr. Liners.

~~Rubber Rings for Cylr. Starting Valves.~~

Rubber Rings for Compr. Hood.

Rubber Rings for Exhaust Valves.

LIARY ENGINES.

~~Crankshaft for gearwheel attached.~~

Air Connecting Rod Lower End Bolts.

Main Bearing Studs and Nuts.

at Piston Rings.

uel Valve Spindles.

uel Valve with Casings complete.

uel Valve ~~cases~~ Sleeves

Exhaust Valves with casings complete.

Exhaust Valve Spindles.

Starting Valve with casings complete.

Cylinder Relief Valve complete.

Complete set of Springs, for one engine.

Governor Springs.

Additional Inlet & Exhaust Valve Springs.

uel Pump Plungers.

~~Set of Valves for Fuel Pump.~~



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LIST OF SPARE GEAR FOR SHIP NO. 636D

Complete set of Working Parts for one fuel pump plunger.

1 set Air Compressor Valves, complete with springs.

1 sets Piston Rings for one air compressor.

1 L.P. Cooling Coil.

6 LP Suction Valve Springs

6 LP Discharge do

1 L.P. Cooling Coil.

6 HP Valve springs

Rubber Rings for Cylinder Liner, of each size.

Rubber Rings for Compressor Hood.

Rubber Rings for Exhaust Valves.

Filter for Lubricating Pump.

1 set Studs with nuts for 1 Cylinder Cover.

MANOEUVRING AIR COMPRESSOR.

Complete set of valves.

1 set Piston Rings.

L.P. Cooler Tubes.

H.P. Cooler Tubes.

AUXILIARY MACHINERY.

1 set Valves (Suction & Delivery) for Bilge Pump.

1 set of Bucket Rings for Bilge Pump.

1 set of Valves (Suction & Delivery) for Ballast Pump.

1 set of Bucket Rings for Ballast Pump.

1 set of Valves (Suction & Delivery) for Piston Cooling Pump.s

1 set of Bucket Rings for Piston Cooling Pump.

~~1 set of Valves (Suction & Delivery) for Condenser Air Pump, with
Bucket, rod and head valve seat.~~

1/2 set of Valves (Suction & Delivery) for Boiler Feed Pump with seats.

1 set of Piston & Bucket Rings for Boiler Feed Pump.

~~1 set of Valves for Emergency Air Compressor.~~

~~1 set Piston & Bucket Rings for the Air & Circulating Pumps.~~

2 Spare Cartridges for Lubricating Oil & Fuel Oil Filters.

1 Spring for Relief Valve of Fuel Pump.

12 Tubes & 24 Ferrules & 12 Plugs for P.C. Water Cooler.

~~22 Tubes & 50 Ferrules for Condenser.~~

~~1 Evaporator Coil.~~



LIST OF SPARE GEAR FOR SHIP NO 636 D

BOILER:

ring for Safety Valve
ve for Feed Check Valve.
ter Gauge Glasses and 24 Packing rings.
oiler Door Joints.
oiler Tubes.
re Burners for Oil Fuel.
lightning Up Torch.

SHAFTING:

propeller Shaft with left hand thread.
et Tunnel Shaft coupling bolts and nuts
propeller(Cast iron)
et Crankshaft coupling bolts and nuts.
et of Pads for one face of each Thrust Block.

FUEL INSTALLATION

valvd. Steam Jet Burner, with swing cocks for oil and for steam or
compressed air with the pipes connecting the Burners to the swing
cocks.
3" Dia. Steam pressure gauge indexed to 50lbs per sq inch.
1/4M. Flanged steam stop valve.
" " Oil cock.
" " Tee piece.
" " Steam master valve;
" " Air master valve.
Copper Steam pipes between tee piece and swing cocks.
Steel Oil Pipe between oil shut off cock and swing cock.
C I Duplex dischr. filter with 1" bore G M shut off cocks
Single Plunger Hand Pump with suction and discharge cocks
Kermode's Patent Lighting up burner.
10'0" length of Flexible metallic pipe connecting the Burner to the
discharge side of the hand pump.

ELECTRIC MACHINERY

Sets of Brushes for Dynamo
" " " For circ. & 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



LIST OF SPARE GEAR FOR SHIP NO. 636 D

- 1 set of Brushes for Ballast 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 33 Oil Purifier Motor.

STEAM DRIVEN COMPRESSOR

- Delivery Valve for LP Cylinder.
 - Spring for Delivery Valve
 - Guide " " "
 - Plug " " "
 - Valve for HP Cylinder cover;
 - Spring for Valve.
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