

All liquid and expansion ammonia pipes have been replaced and rejointed.

Extra overhead expansion pipes have been fitted in meat room and connected to original headers.

James Murdoch.

ENGINEER SURVEYOR TO LLOYD'S REGISTER.

RETAIN



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Foundation

WS10-010513

SPARE GEAR.

MAIN ENGINES.

Two valve spindles.	One Tumbling Block.
Two sets braces for eccentric rods.	Liners for crosshead bearing
Six propeller bolts and nuts.	Two Holding down bolts.
Eight H.P. Piston Rings.	One set I.P. Pistons Rings.
One Air Pump Head Valve (complete).	Two L.P. Pistons Rings.
One set front pump links.	One set back pump links.
One Spare collar for Thrust.	One Crank pin bearing.
Two spare nuts for propellers.	Two spare tail end shafts.
Two spare propeller blades (No 4 Hold)	Twelve coupling bolts.
Two bottom end bolts.	Two top end bolts.
One set crank braces (Bottom end).	One set top end braces.
One Guide shoe.	One Thompson coupling.
One Anchor bolt for main feed pumps.	

AUXILIARIES.

WATER PUMPS.

Suction and delivery valves, 2 sets each complete with valves.	
Eight Piston Rings.	Ten Woodite Bucket Rings.
Two spare shuttle valve spindles.	Twenty-four Valve springs.

CRANK PUMPS.

One Eccentric and rod.	One Cylinder cover.
One Valve spindle bracket.	One Eccentric sheave.
One cylinder and valve chest.	Eight spare piston rings.

EJECTOR PUMP.

Two bucket rings. Two piston rings. Two seats with valves for water end.

FRESH WATER PUMPS.

Large Pump.

Two seat with valves for water end.	Eight Woodite rings.
One valve spindle.	Two piston rings.

Small Pump.

Two piston rings.	Two spare piston rods.
Two sets with valves for water end.	



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INDIAN ENGINEER.

One H. P. Piston.
One connecting rod with brasses.
Two H. P. Piston rings.
Four L.P. Piston rings.

One L. P. Piston.
One Crosshead and shoe.
One valve spindle.

SANITARY PUMP.

Two Piston rings.

REFRIGERATOR.

One Compressor Piston complete.
One Expander " "
Two charging cocks.
One Compression Cylinder & Valves.
One Slide valve spindle & Valves (Complete).
One Set main bearings.

One Steam rod.
One Ammonia rod.
One Gland (ammonia).
" " (steam).

Two suction cocks for compressor.

One set steady bolts.
8 white metal rings for glands.

Delivery " " "

One Condenser coil.

WINCHES.

One exhaust valve cover.
Twenty-four pins for valve gear.
Four pins for drag links.

One stop valve cover.
One piston rod.
Seven crosshead pins.

STEERING GEAR.

One Donkey check valve.
Two Bevel gear wheels for steering gear.
One valve rod for steering engine.
Two valve boxes complete (1½" and 1¼" bore).

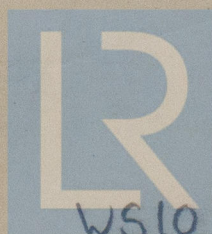
One blow down valve.

One brass cog rack.

Two safety valve springs (Main Boilers). 3 Relief valve springs.

James Hurdock.

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