



*M. V. "Delina" Antre*LIST OF SPARE PARTS FOR SHIP NO 815 PMAIN ENGINES:

- 
- 1 Pair connecting rod top end bushes.
 - 1 " " " lower " "
 - 2 Pairs Connecting rod lower end bolts and nuts
 - 1 Pair Main Bearing bushes
 - 4 Main Bearing Studs and nuts
 - 1 Piston (no rings fitted)
 - 3 Sets Piston rings
 - 1 Cylinder head complete with liner and water jacket, but without valves.
 - 1 Set of studs and nuts for cylinder head valves;
 - 8 Exhaust valves with casings, springs etc complete with adjusting screws.
 - 8 Exhaust valve spindle seating rings
 - 2 Starting valves with casings, springs etc complete with adjusting screws
 - 1 Starting valve spindle.
 - 3 Fuel valves with casings, springs etc complete with adjusting screws.
 - 8 Fuel valve spindles.
 - 2 Escape valves complete
 - 1 Set safety caps for one engine.
 - 2 Rollers one for inlet and one for starting valves, with pins
 - 4 Rollers, two for fuel valves and two for exhaust valves.
 - 6 Chain links for each size fitted for readily repairing chains
 - 1 Set air compressor valves, complete, with cages and springs for one engine.
 - 2 Sets Piston rings for air compressor for one engine.
 - 1 Pair lower end air compressor connecting rod bolts.
 - 1 Complete set of springs for one engine.
 - 1 set of packing for one fuel pump (8 sleeves supplied)
 - 1 Lb 1/4" Palmetto packing.
 - 1 lb Asbestos cord.
 - 1 Sheet of 1/32" thick Jointing 4'-0" x 4'-0"
 - 1 " 1/8" asbestos millboard 4'-0" x 4'-0"
 - 1 Cooling coil for HP air compressor complete with flanges.
 - 4 M.P. Cooler tubes.
 - 4 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 air compressor to blast air bottle.
 - 8 Fuel oil pump plungers.
 - Working parts for fuel pump plunger 1 regulating lever,
 - 2 suction valves and 2 delivery valves.
 - A quantity of assorted bolts and nuts
 - 8 Rubber rings for each size for main cylinder liners.
 - 8 " " " cylinder starting valves;
 - 3 " " " compressor hood.

AUXILIARY ENGINES

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- 1 Pair connecting rod top end bushes
 - 1 " " " lower " "
 - 1 " " " end bolts.
 - 2 Main bearing studs and nuts
 - 1 Set piston rings;
 - 1 Exhaust valve with casing complete
 - 2 Exhaust valve spindles.
 - 1 Starting valve with casing complete.
 - 1 Fuel valve with casing complete
 - 1 Fuel valve spindle
 - 6 Chain links of each size fitted.
 - 1 Complete set of springs for one engine.

LIST OF SPARE PARTS FOR SHIP No. 815 P

LUBRICATING OIL PURIFIER

- 1 Top Bearing
- 4 Main Rubber rings
- 2 Gravity Rubber rings
- 2 Paper packings for gravity lock ring.
- 1 Bowl dog clutch
- 1 Upper worm spindle bushing
- 1 Steel thrust point
- 1 Spring for steel point
- 1 Pair thread wheels and shaft
- 2 Friction plates for conveyor clutch
- 6 Top bearing springs
- 2 Copper screws for conveyor clutch.

AUXILIARY ENGINES

- 6 Additional inlet and exhaust valve springs.
- 3 Fuel pump plungers with sleeves or packing.
- 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
- 3 Rubber rings for cylinder liner of each size
- 1 Rubber ring for compressor hood
- 3 Rubber rings of each size fitted for cylinder head valves
- 1 Filter for lubricating pump
- 1 Set of studs with nuts for one cylinder cover.

PUMPS ETC

- 1 Impeller with shaft complete for circulating pump
- 2 Valves (one suction and one delivery) for bilge pump
- 1 Set bucket rings for bilge pump, if so fitted.
- 2 Valves (one suction and one delivery) for general service pump
- 1 Set of Bucket rings for general service pump
- 1 Spare cartridge for lubricating oil and fuel oil filters.

SHAFTING:

- 1 Propeller shaft complete with right hand thread, liners and loose coupling.
- 1 Sterntube shaft complete with liners and loose coupling.
- 1 Set of bolts for loose coupling.
- 1 Set tunnel shaft coupling bolts and nuts
- 2 Propellers, one right and one left hand cast steel.
- 1 Set of pads for one face of each thrust block.

ELECTRIC MACHINERY:

- 1 Armature for Dynamo.
- 4 Sets of brushes for Dynamo
- 1 Set of brushes for each motor.



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