

48 zinc plate set pins on boxes, and 1 zinc plate renewed; steam tube glands repacked; one main circulating valve and spindle renewed & discharge pipe repainted; H. P. piston rods ground up in machine, new Lockwood & Carlisle's packing rings fitted, and ridges at top & bottom of H. P. cylinder bored off; piston rods (H. P.) U. S. Patent packing overhauled & refitted; H. P. slide valve spindles ground up, and U. S. packing overhauled; the 1. P. 1. P² and L. P. pistons, and piston rod packings overhauled; 1. P. and 1. P² slide valve spindles packing overhauled; 2. P. slide valves & spindles overhauled; 1. P. and 1. P² piston valves and spindles overhauled; all shafting tested for alignment, bearing surfaces overhauled and adjusted; all crank pins, cross heads and connecting rods examined and their bearings overhauled; main condenser opened out, cleaned and tested by water, 3 times, and 6 zinc plates on condenser doors renewed; guide and thrust water service pipes off, cleared of sand, and refitted; all main engine shocks and holding down bolts examined, and caulked; main engine throttle valve spindle glands repacked; main circulating pumps opened out, castings cleaned & painted, and impeller spindles renewed, also its steam cylinders, pistons and valves examined; auxiliary feed pump opened up, examined and bucket ring renewed; main Port main feed pump opened up, examined, steam valve lined up, piston ring adjusted, P. Iron suction pipes renewed, copper suction pipes altered to suit, and supporting stay renewed; main feed, drinking and washing water filters cleaned and overhauled; auxiliary condenser examined, all tubes removed, cleared & tested, tubes refitted, and condenser fitted tested by water; auxiliary circulating pump examined, pump liner bored, bucket and rod renewed, gland & rock bushes in pump cover bored out & discharge valve gear renewed; general service pump examined, 2 buckets and one delivery valve spring renewed; ballast pump examined and bucket rings renewed.

Sanitary donkey pump examined, and 16 metallic valves renewed; Evaporator examined, and sea suction pipe repaired; Electric G.H. Engine steam reducing valves opened out and overhauled; all main boilers opened out, cleaned and examined; several baffle plates to furnaces renewed, several small leaks in shell seams caulked, and lagging in way of same part renewed; all boiler manway openings opened out, overhauled and refitted.

The workmanship, design, and materials used in the machinery, when examined, as above detailed, was found to be of the best description, and of standard & Wolffs well approved standard type.

R. J. Pennington