



Main and auxiliary machinery tested under steam, together with steering and windlass engines.

Wear and Tear Repairs.

Main circulating pump impeller and shaft renewed and bearings renewed.

Steering engine control valves chest bored and new valve fitted.

New blow down valve on ship's side, port side of engine room fitted.

New seat and valve (delivery) fitted to forward ballast pump.

2 New liners fitted to water end.

1 Piston (water) renewed, new rings fitted.

Port dynamo engine.

Valve chamber bored, new piston valve and spindle fitted, crank journals machined, main bearings remetalled, new piston rod and rings fitted.

Winch condenser circulating pump fitted 2 new muntz metal rods, 6 G.M. valves, 12 new valve springs, 6 fibre valves and new water end rings.

Main engine attached air pump bucket rod renewed.

Centre Boiler.

Port safety valve spindle straightened.

New G.M. distance piece fitted to blow down valve.

2 Internal feed pipes renewed.

A number of minor repairs effected as per Licence Authorisation No. 83.

The amendments as noted on the approved plan of the pumping arrangements, referred to in London letter "E" 1/9/48 (to Cardiff Surveyors) are in order as follows:-

- (a) Deep tank forward bulkhead is fitted with gutter way and sparring, and the after bulkhead is fitted with gutterway and drip trays, in accordance with Section 20B clause 9a.
- (b) Direct bilge suction from p. & s. sides of engine room are led to independent ballast pump.
- (c) Bilge injection is led to centrifugal main circulating pump.
- (d) Blank flanges are provided for use in deep tank in accordance with Section 34

Clause. 8a.

