





The Electrical installation (propelling and auxiliary equipment) examined as required by the Rules and megger tested.

B. S. The main W. T. Boilers examined internally and externally together with their principles mountings and superheaters and safety valves at drum and superheaters adjusted as stated above.

The oil fuel installation examined and tested under working conditions.

The fire extinguishing arrangements and apparatus (CO<sub>2</sub> piped to machinery compartments) examined and system re-charged as found necessary.

Main and auxiliary machinery examined under working conditions with satisfactory results.

Alteration. Electrical fittings in bridge tween decks renewed in flame proof type and controlling switches placed in accommodation alleyway on deck above.

Repairs. The main generator alternator rotor on account of low insulation resistance was despatched to Messrs. Campbell & Isherwood, Cardiff, repairs carried out under the inspection of Surveyors. (copy of Rpt. 10 herewith) and placed in good order.

Auxiliary circulating pump and main condensate pump impeller and shafts renewed.

Main circulating pump impeller shaft and bearings renewed.

Brickwork in both boilers overhauled and inner furnace fronts faired and stiffened.

On examination of Boiler Superheaters the U Tubes, in both boilers, were found sagged at lower leg varying in amount to a maximum of 2" between header and outermost tube rest plate, the lower header being displaced  $\frac{3}{4}$ " in a direction towards the bend of the U.

The tubes were found badly fouled externally with foreign matter and seized in the supporting plate. Internal examination of tubes, two of which were removed and cut up for examination revealed no fouling or scaling matter and there was no evidence of tubes drawing out of the headers.

All elements have now been thoroughly cleaned, removed tubes replaced with new and under hydraulic test pressure of 750lbs. per Square inch, found sound and tight.

