





S.S. "SEA KING"NOW DONE (Contd.)

All cylinders, pistons, slide valves, crossheads and guides, top and bottom end bearings and pins, crankshaft and bearings, thrust and intermediate shafts together with their bearings, all attached and independent pumps, condensers (tested) and the valves, pipes and strainers of the pumping arrangements examined and found or placed in good order.

The two W. T. boilers and superheaters examined internally and externally, together with the safety valves, manholes, handholes, doors and fastenings, and all mountings, and found or placed in good order. Boilers subsequently seen under steam and the main and superheater safety valves adjusted to 250 lbs. and 230 lbs. per sq. ins. respectively.

O. F. transfer and service pumps opened out and examined and found or placed in good order.

All tanks, valves, pipes and deck control gear in connection with oil fuel and fire smothering installations examined and found in good order, installations tested under working conditions and found satisfactory.

Evaporator shell and coils examined and found in good order, safety valves adjusted to W. P. of 15 lbs. per sq. in.

Steam dynamo engines, steam steering engine, windlass engine and fan engine opened out and examined and found or placed in good order.

Principal steam pipes generally examined and hammer tested, and found in good condition.

Electrical Equipment All generators, main and sub-distribution switchboards and boxes, cables and fittings examined and megger tested and found or placed in good order. (Minor repairs effected to cables and fittings). Installation examined and tested under working conditions and found satisfactory.

REPAIRS (Wear and Tear)

One propeller blade tip slightly torn, faired, built up with bronze welding and ground to contour.

Main condenser:- 2 stay stud distance pieces renewed.

Inboard indpt. feed pump:- Ridges ground off chamber liner and new bucket rings fitted.

Inboard indpt. bilge & ballast pump:- New bucket rings fitted.

Steering engine:- One piston valve spindle renewed.

Windlass engine:- Stbd. crosshead pin and bush renewed, also both slide valve spindle crosshead pins renewed.

A number of minor repairs and adjustments effected to main and auxiliary machinery, also to boiler mountings and refractory linings.

On completion of work, main and auxiliary machinery tried out under working conditions, ahead and astern, and found satisfactory.