

24 NOV 1939

S/S. "K/M.A."

Chamber back plates, generally, assume the positions of the screw stays & at the flange knuckles, the latter were particularly in the wing chambers adjacent to the boiler shell.

In addition the front end plate of each of the boilers was found extensively grooved under the centre furnace & in the case of the Starboard boiler slight grooving was found under the standing heads of the three furnaces.

A number of combustion chamber screw stays were found somewhat wasted but none extremely so.

Repairs as recommended & as detailed below have now been effected & the three boilers placed in an efficient condition.

On completion of the repairs the boilers were examined under steam & the safety valves adjusted to the above stated pressure.

REPAIRS TO OWNERS A/C.

The port boiler stbd. combustion chamber divided in way of the back plate flange knuckles, the plate ganged & found generally satisfactory. Pads of electric welding built up on the fire side in way of local wastage. The port chamber back plate similarly reinforced by welding.

A number of back screw stays removed from the port & stbd. combustion chamber backs, the back plate ganged in way of the area of wastage around the stay holes & the wastage found to be not excessive. Fire pads of electric welding built up around the worst positions, the holes retapped & new stays fitted.

The lower part of the wrapper plate, on the port & stbd. sides of the centre combustion chamber of the port boiler built up by electric welding on the water side.

The grooving in the front end plates of the three boilers, under the centre furnaces, cut out & the plates built up by electric welding. The grooving in the standing heads of the furnaces of the stbd. boiler found not to be excessive & the furnaces considered efficient.

The three boilers have now been placed in an efficient condition & the safety valves have been adjusted under steam & 175 lbs./sq. in., were not being required.

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