

Glasgow
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boilers and fastenings, boiler examined under hydraulic test, upon completion boiler examined under steam, safety valves tested and O.F. arrangements and steam engineering appliances examined and tested under working conditions. Steam pipes test to Rule requirements.

An independent Bilge pump was fitted on the Port side of the fore room, and an Emergency Diesel driven generator on a constructed platform above the cross bunkers forward of the stokehold, the installation examined and upon completion the Bilge pump which had connections to the bilge main, bilge direct, and sea, was examined under working conditions, and found satisfactory. The Diesel motor was also examined whilst running on load, and governing and found satisfactory.

Repairs Minor repairs carried out on sea connections and external fastenings.

All Main Engine valve spindles machined, L.P. cylinder skirt and guide bush renewed. Main Engine bit pump rod polished. Main L.P. bit pump impeller shaft renewed. Rusty bit pump duct and delivery valve seats renewed. G.P. pump skirt rod machined, suction and delivery valves renewed. Low engine, piston and valve rods machined. Steering engine pistons and rings renewed, valve spindles renewed, oil pump renewed (worn) Main bearing top and bottom end brasses (badly worn) all renewed.

Main Boiler, blow down valve rejoined to shell. Feed check valves renewed, main stop valve spindle renewed. Sted cracking boiler backplate in way of longitudinal stays built up with welding. Gearing of centre furnace goosenecks repaired by welding and rivets renewed in fore part external tie straps.

ELECTRICAL INSTALLATION.

Now done: A special survey of the electrical installation carried out. Main generator overhauled and switchboards renewed, circuits in 'tween deck spaces renewed and fittings renewed. Now 15 KW diesel generator set, Harland's 5X4461/2 fitted at this time. Part original installation which was not to be renewed at this time examined and repairs effected.

On completion of repairs and renewals, generators tested under full load conditions, installation examined and insulation resistances measured. All found or placed in good order.

SR

Glasgow
S. L. O'Keefe

Continuation of Report No. 80402 dated

12.6.53

on the

Conversion to Oil Fuel At this time an installation for burning oil as fuel, flash point above 150°F was satisfactorily installed in accordance with Rule requirements and plans approved November 1952.

This installation comprising a duplex pumping and heating set a transfer pump and a lighting up set and positioned as shown on the plans, has been built under survey to Rule requirements.

The Lead & after Port, and the fore and after Starboard the Port and Starboard cross bunker tanks, all of which were constructed at this time (see accompanying Hull report) are all provided with solid brass steel steam heating coils, the drains from which discharge into an observation tank.

An efficient steam chocking arrangement has now been fitted in the boiler room to Rule requirements and a number of foam fire extinguishers have been conveniently placed in the engine and boiler rooms.

On completion of the installation the remote control extended spindles, pumping arrangements and steam fire smothering installations were examined and tested under working conditions.

On completion of the above survey all main and auxiliary machinery was satisfactorily tested under working conditions.

S.R.L. "Bessemer steel aux. steam pipes to ex. after 4 years service"

Now Done All aux. steam pipes dismantled, removed ashore to workshop, examined and tested hydraulically and found efficient.



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