

Noted.

L.H.

15/9/48.

Amend ~~not~~ in SRL as follows:-
Auxiliary steam pipes (Person)
except ^{also} to steering engine &
be examined after 4
years service.

L.H.



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M.S. REPAIRS: All main engine pistons now fitted with Buckley piston rings, the I.P. valve spindle stemmed in way of packing & the gland renewed. On the owners initiative the steel rams originally fitted to the main engine driven bilge & sanitary pumps were replaced with solid bronze rams. Auxiliary condenser aft water box & door renewed. Main circulating water pump impeller shaft found worn, now renewed & the outer bearing remounted, the engine piston rod was also renewed. The fan engine overhauled, piston rod stemmed neck ring renewed & gland bushed. Ballast pump piston rings renewed, valves and valve gear reconditioned.

NOTE. A section of Bessemer steel auxiliary steam pipe (Steam to steering engine) examined internally and externally & found in satisfactory condition. On the Owners initiative all deck steel steam and exhaust pipes were renewed in copper.

CONVERSION TO OIL FUEL. The Owners representative stated that since new boilers were installed 1945 they would not be submitted for internal examination at this time.

NOW DONE. A duplex oil burning pumping & heating unit, and an oil fuel lift pump installed in the engine-room, the boiler fronts renewed for oil burning, no funnel dampers fitted. All double bottom tank, bunker, & settling tank steam heating coils tested in place to 44.0 lb/sq. in. the coil returns being connected to an approved observation tank. The feed pumps and fresh water tanks are isolated from fuel, bilge, and ballast connections.

No wood beams or lead pipes fitted in machinery spaces. Oil gutters fitted in way of settling tanks & provision for drainage arranged.

The oil fuel discharge pipes and fittings hydraulically tested to 44.0 lb/sq. in. Steam fire extinguishing pipes fitted under boilers & in way of oil units, foam fire extinguishing apparatus fitted in convenient positions in engine-room & boiler-room spaces.

All the pipes and fittings were installed and tested in accordance with the approved plans (Attached) and to the Society's Rules & Requirements.

On completion the installation was tried under working conditions and found to be satisfactory.

At Glasgow.

ELECTRICAL INSTALLATION. A Special Survey of the electrical installation carried out. Governors tested; generators, motors, cables, fittings on switchboard and in distribution boxes examined. The following repairs were carried out: Berth lights fitted in all Officers cabins; Chart Room, Wireless Room, Bridge, Officers Accommodation, Engineers and Stewards Accommodation also Boiler room, rewired. On completion the above work was examined, generators and all circuits megger tested. All found to be in order. *J. D.*



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