

JUN 13 1939

(Received at London Office)

Last Report No......*Port*

+ Lmb. 5:38 Subject
B.S. 5:29
note Pitt. for oil fuel 5:39 re

Charles of Hamburg for J. E. Martin
Engineer Surveyor to Lloyd's Register of Shipping.

TE WRITTEN.

to 500 lbs/°" see Deeps letter 24.5.39. Extended spindles for the oil fuel system including oil fuel transfer & unit pumps have been fitted & tested, an observation drain tank is fitted in connection with the oil fuel heating system.

A Pyrene gravity fire extinguishing installation has been fitted in the boiler room in accordance with the approved plan, together with an auxiliary equipment consisting of one 34 gallon tank with a length of hose and 4-2 gals tanks, all operations tested & found efficient.

Examined:-

Starboard Main engine opened up all cylinders pistons valves & casings, crossheads & guides, crank thrust & tunnel shafting Port & Starboard attached pumps, circulating, bilge & ballast, general service & feed pumps and condensers.

Main & auxiliary steam pipes examined & tested by hydraulic pressure. Pumping arrangement, valves cocks pipes & strainers examined.

Electrical installation tested & examined as per rules requirements.

Repairs:-

Boilers: all mountings overhauled, all plain tubes expanded (3 renewed) several bottom manhole door studs renewed All boilers insulated on bottom Single ended boiler fastenings overhauled, new pins fitted.

Engines:-

A steel strip has been fitted to the P & S. 1P cylinder covers where corrosion had taken place. P & S condensers tubes withdrawn examined cleaned & replaced, also auxiliary condensers, all condensers tested. A new impeller shaft fitted to 5th circulating pump. Several lengths of bilge piping renewed in Boiler room.

Electrical:-

Boiler room & crew accommodation wiring modified & renewed to suit new conditions. General repairs effected to Main & emergency switch boards, circuit breakers, switches & fuses. N° 1 & 2 generator governors were repaired but full load could not be obtained, recommended that the engine cylinders & valves be examined & overhauled.

On completion of the oil fuel installation the main boiler safety valves were adjusted under steam to 220 lbs/°", The accumulation with the largest size of lips supplied did not exceed 10% with the maximum oil pressure 250 lbs/°" at the pump.

C. J. W.