Report No. 47.B.

THE BRITISH CORPORATION REGISTER OF SHIPPING AND AIRCRAFT

MACHINERY

No. in Reg. Book ..... Port Southampton.

S.S. "GLADYS MOLLER" ex "Orchard Knob". 12th June, 1948.

Boiler Survey held* afloat at Southampton.

Owners Messrs Moller Line Ltd., London. Electric Lighting? ..... Kws. .....

Engines :
Description Turbo Electric. Made by Elliot & Co. When 8 - 1945.

Cylinders, No. each Eng. ..... Diars. ..... Stroke ..... Cub. Ft. each L.P. Cyl. .....

Boilers :
Main, No. & Description 2 - W.T. W.P. 500 Made by Babcock & Wilcox Co. When 8 - 1945.

Aux. M. Donkey Do. ..... W.P. ..... Made by ..... When .....

Main Steam Pipes, Material Steel. ~~Welded, Brazed~~, Seamless ..... When Tested .....

Propeller Shaft, Diar. under Liner ..... Description of Liner Continuous. When Drawn .....

Class M.B.S. ..... S.S. Type No. ..... Due ..... Boiler Survey Due ..... M.S. Due .....

* Insert name of Dry Dock ; or where, if afloat.

This vessel was drydocked on the 7th November 1947. The propeller shaft was not drawn and sea valves were not opened up. The hull generally was in good condition. Access plate on the starboard forward lower part of rudder for access to pintle missing. New plate cut and welded on.

26th November. - Surveyed Port Boiler. Safety Valves, Superheater Safety Valves, Main Stop Valves and Auxiliary Stop Valve, Feed Check Valves, Gauge Glass Mountings and Blow down Valves, all opened up for survey and found in good condition. Manhole doors and hand hole doors all removed for survey, and all Doors, Studs and fastenings found in good condition. External inspection of the generator, superheater and air heater tubes, also water wall tubes, revealed all tubes to be in good condition with no excessive distortion and very slight hogging and sagging of the generator tubes. The brickwork and boiler side panel brickwork, as far as could be seen, was in good condition.

Internally the boiler was clean, I sighted all tubes and could find no scale. Superheater tubes examined internally, condition good. Waterwall tubes sighted as far as possible internally, and found in good condition.

1st. December. - Surveyed Starboard Boiler. Safety Valves, Superheater Safety Valve, Main & Auxiliary Stop Valves, Feed Check Valves, Gauge Glass Mountings, Blow down Valves, all opened for survey and found in good condition. Manhole doors and all hand hole doors removed for survey. All Doors, Studs and fastenings found in good condition. External inspection of generator, superheater, air heater and water walls revealed all tubes in good condition, and no excessive tube distortion. All brickwork, as far as could be seen, was in good condition. Internally, the boiler was in very good condition. Superheater and waterwalls sighted as far as possible, condition good.

(contd)
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First Visit 7th Nov. 1947 Last Visit 22nd.Dec.1947. Boilers and Engines then in Good Condition

No. of Visits 10. (Hull & Machy). recommend record of M.Blr.S. 13.12.47.

Fees £ ..... Advised .....

Expenses 1. 10. 0. Paid .....

£ .....

Surveyor to the British Corporation Register of Shipping and Aircraft

.....Chief Surveyor.

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13th December. - Port and Starboard Boiler Saturated Steam Safety Valves adjusted under steam to 500 lbs. per sq.in. and Port and Starboard Superheater Safety Valves to 475 lbs. per sq.in. General operation of Safety Valves very good.

22nd. December.- Witnessed Satisfactory Dock trials at reduced speed, manoeuvring appeared to be quite good.