

Report of Survey for Repairs, &c., of Engines and Boilers.

Port of Antwerp. No. 16804. 3 JAN 1930. Survey held at Antwerp. Date, First Survey 5 Dec. Last Survey 26 Dec. 1929. On the Machinery of the Wood Iron or Steel 1/2. PATA GONIER. Gross 3172. Net 3078. Vessel built at Belfast. By whom Harland & Wolff, Ltd. When 1918-4. Engines made at Belfast. By whom Harland & Wolff, Ltd. When 1918. Boilers, when made (Main) 1918. Owners Allied Royal Barge Co. Managers. Particulars of Classification (which must be inserted precisely as in Register Book & Supplements).

Report No. Port. Particulars of Examination and Repairs (if any) Damage & L.M.C. Surveys, when held, must be reported in detail and seriatim in the terms of the Rules. State clearly the repairs, if any, and, in detail, the nature and extent of Examinations and subsequent Repairs. Repairs on Damage (the cause of which must be stated) should be separated from Repairs due to other causes; and if detailed in the body of the report, should be briefly summarised at the end of the report. State also the initials of any letters respecting this case. Cases where the Surveyor has not made a special damage report he is required to state whether he has made his services for this purpose, and why they were declined? Made not. Damage report made by anyone else? If so, by whom? John J. Harrington. Surveyor personally go inside each Main Boiler separately and make a thorough examination at this time? Yes. Donkey. To what pressure were they afterwards adjusted under steam? 180 lb. To what pressure were they afterwards adjusted under steam? Surveyor examine the Safety Valves of the Main Boiler? Yes. To what pressure were they afterwards adjusted under steam? Surveyor examine the Safety Valves of Donkey Boiler? Yes. To what pressure were they afterwards adjusted under steam? Surveyor examine all the manholes, doors and their fastenings of the Main Boilers? Yes. and of the Donkey Boilers? Yes. Surveyor examine the drain plugs of the Main Boilers? Yes. and of the Donkey Boiler? Yes. Surveyor examine all the mountings of the Main Boilers? Yes. and of the Donkey Boiler? Yes. Shaft now been drawn and examined? Yes. Is it fitted with continuous liner? Yes. Is an approved appliance fitted at the after end of the shaft to permit of it being efficiently lubricated? Shaft now been changed? No. If so, state reasons. Is an approved appliance fitted at the after end of the shaft to permit of it being efficiently lubricated? Shaft now fitted been previously used? Yes. Has it a continuous liner? Is an approved appliance fitted at the after end of the shaft to permit of it being efficiently lubricated? Distance between lignum vitae or bearing metal of stern bush and top of after bearing of screw shaft Good ft. unwooded. Complete.

Damage stated to have been caused by mooring wire striking propeller in the 12th November 1929 at Dunstons in Tyne. In damage - Vessel placed in dry dock, examined propeller, stern bush, tail shaft, stern bush unwooded & propeller blades fixed up. L.M.C. Sea cocks, valves & pumping plant arrangement examined, main engine cylinders, pistons, slide valves & casings, crank & tunnel shafting & thrust shaft examined, air pump, circulating, fuel, bilge & auxiliary pumps examined. Main boilers examined internally & externally, safety valves and mountings, examined under steam on all safety valves adjusted to 180 lb. per sq. in. Observations, Opinion, and Recommendation: - The machinery of this vessel is in good condition, eligible in my opinion to remain classed with fresh record of +L.M.C. 12, 29 and 12-29.

Fees. L.M.C. 9.75. Fees applied for 2.4.1930. Received by me, John J. Harrington, Engineer Surveyor to Lloyd's Register of Shipping. FRI. 11 APR 1930. FRI. 12 AUG 1932. FRI. 13 JAN 1933. FRI. 11 JUL 1930. TUE. 3 FEB 1931. CERTIFICATE WRITTEN. 10.2.30. Committee's Minute. +L.M.C. 12, 29. 12-29.



Damage through fueling wire. Tail

8 shaft & 8 screws

LLP No. 3 due 4.30 - Held.

It is submitted that  
this vessel is eligible for  
THE RECORD. + L.M.C. 12.29.  
without - G.P. condn.

Q  
20/1/30.

S. 12.29.

N.B. - If this Report is copied by copying Press, special care must be taken that the copying paper is not so much damped as to spread the ink, or to cause it to show through to the other side.

Repairs: Forward attached feed pump & bilge pump  
chest renewed, bilge pump rams skimmed up, new neck  
and gland bushes fitted, air pump liner skimmed out  
and new bucket ring fitted.

Port & centre boiler centre furnaces jacked round.  
centre boiler lower manholes built up & doors refitted.

Port boiler auxiliary stop valve chest renewed and  
hydraulic tested

John Thomson.