

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

(Received at London Office MAY 28 1940)

Date of writing Report 19 When handed in at Local Office 25 MAY 1940 19 Port of HULL

No. in Reg. Book. 30072 Survey held at Goole Date, First Survey 7.5.40 Last Survey 16.5.1940 (No. of Visits 5)

on the Machinery of the ~~Wood, Iron or Steel~~ *Se. Sr. MOYLE*

Tonnage { Gross 1761 Net 749 Vessel built at Droon By whom Laka SB Co. Ltd. When 1907-11

Nominal Horse Power { 216 Engines made at *elo* By whom *elo* When *elo*

No. of Main Boilers 253 Boilers, when made (Main) 1907 (Donkey) *C/Mc*

No. of Donkey Boilers 1 Owners *Shamrock Shipping Co. Ltd.* Owners' Address (if not already recorded in Appendix to Register Book.)

Steam Pressure in Main Boilers 180 lbs/sq. in. Managers Port London Voyage

If Surveyed Afloat *in* Dry Dock *Range - C/Mc 2* Particulars of Classification (which must be inserted precisely as in Register Book & Supplements).

in Donkey Boilers *✓*

Last Report No. Port

Particulars of Examination and Repairs (if any) *S.S. No. 2*

(Periodical Surveys, when held, must be reported in detail and seriatim in the terms of the Rules. State clearly the cause of Repairs, if any, and, in detail, the nature and extent of Examinations and subsequent Repairs. Repairs on account of Damage (the cause of which must be stated) should be separated from Repairs due to other causes; and besides being detailed in the body of the report, should be briefly summarised at the end of the report. State also the dates and initials of any letters respecting this case.)

In damage cases where the Surveyor has not made a special damage report he is required to state whether he offered his services for this purpose, and why they were declined *✓*

Was a damage report made by anyone else? If so, by whom? *✓*

Did the Surveyor personally go inside each Main Boiler separately and make a thorough examination at this time? *Partially*

" " " Donkey " " " *None*

If this was not done, state for what reasons? *State examined in Cf Rpt No. 53 268*

And what parts of the Boilers could not be thus thoroughly examined? *✓*

Also what special means, in the absence of internal examination, were adopted by the Surveyor to assure himself of the thorough efficiency of those parts of each Boiler? *✓*

State latest date of internal examination of each boiler *14.5.20* Present condition of funnel(s) *Good.*

Did the Surveyor examine the Safety Valves of the Main Boiler? *Yes* To what pressure were they afterwards adjusted under steam? *C/Mc adjusted*

Did the Surveyor examine the Safety Valves of Donkey Boiler? *✓* To what pressure were they afterwards adjusted under steam? *✓*

Did the Surveyor examine all the manholes, doors and their fastenings of the Main Boilers? *Port only* and of the Donkey Boilers? *✓*

Did the Surveyor examine the drain plugs of the Main Boilers? *✓* and of the Donkey Boilers? *✓*

Did the Surveyor examine all the mountings of the Main Boilers? *Port only* and of the Donkey Boilers? *✓*

Has screw shaft now been drawn and examined? *C/Mc* Is it fitted with continuous liner? *✓*

Is an approved appliance fitted at the after end of the shaft to permit of it being efficiently lubricated? *✓*

Has shaft now been changed? *✓* If so, state reasons *✓*

Has the shaft now fitted been previously used? *✓* Has it a continuous liner? *✓*

Is an approved appliance fitted at the after end of the shaft to permit of it being efficiently lubricated? *✓*

State date of examination of Screw Shaft *✓* State the distance between lignum vitae or bearing metal of stern bush and top of after bearing of screw shaft *OG not removed.*

Engine parts, when referred to by numbers, should be counted from forward.

Is electric light and/or power fitted? *Yes.*

If so, did the Surveyor examine the generators, motors, switchgear, cables and fuses? *Yes*

Has the insulation resistance of the generators, circuits and apparatus been tested and found to be not less than 100,000 ohms? *C/Mc*

If the Survey is not complete, state what arrangements have been made for its completion and what remains to be done *To complete the Survey the Main boiler*

*Safety valves require to be adjusted & the Electro-magnet tested.*

*Now examined. Propellers & fastenings. All cylinders, pistons, slide valves, cranks, thrust & intermediate shafts, Condenser, pumps & pumping arrangements. The port main boiler internally & externally with its safety valves & mountings. The main & all aux. steam pipes over 3' dia tested by hyd. pressure to 360 lbs/sq. The Electro installation examined & overhauled.*

*Repairs:— HP Valve chest bored out, piston valve renewed. MP Cyl. joint ring & piston rings & LP piston rings renewed. Independent fire pump, General Service pump, & Drain feed pumps overhauled.*

*& a number of worn parts renewed. & other minor repairs effected*

*The Seven Strapped Stays mentioned in Cf Rpt No. 53 268 have been renewed.*

## General Observations, Opinion, and Recommendation:—

(State clearly what alteration, if any, is suggested to be made in the existing classification of the vessel's machinery in the Register Book, consequent upon this survey, and also any alteration required to be made in the records of the vessel's machinery, boilers, working pressures, &c.; thus, for example, B.S. 9,11, B.&M.S. 9,11, & L.M.C. 9,11, or & L.M.C. 140 (b), F.D., &c.)

*The Machinery of this vessel, as far as now seen, is in an efficient condition & I hope, in my opinion, to remain as classed with fresh record of L.M.C. - 5.40. on completion*

Survey Fee (per Section 29) £ 11 : 0 : 0 Fees applied for 19

Special Damage or Repair Fee (if any) £ : : 27 MAY 1940

(per Section 29.)

Travelling expenses (if chargeable) £ : : Received by me, 19

Committee's Minute

Assigned *+ L.M.C. No. 5.40* Subject *BS. 1.40*

Engineer Surveyor to Lloyd's Register of Shipping.

Lloyd's Register Foundation

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B. S. due 12.39 advanced.  
 N. S. due 2.40 partly held  
 Pumps repaired & some Boilers

The Surveyor has been informed that the vessel has been taken over by the Admiralty for a block ship.

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1. General Principles of the Trade and Navigation Acts 1845  
 2. General Principles of the Trade and Navigation Acts 1845  
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2000 specimens for Cf-604 No 23 scd

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