

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

(Received at London Office)

Date of writing Report 19 June 1937 When handed in at Local Office 19 June 1937 Port of 1st June

No. in Reg. Book. 81779 Survey held at South Shields Date, First Survey 1st June Last Survey 18 June 1937 (No. of Visits 15)

Tonnage Gross 1826 Net 1073 Vessel built at Middlesbrough By whom Smiths Dock Co. Ltd. When 1924-5

Nominal Horse Power 201 Engines made at 1924 By whom (Donkey)

No. of Main Boilers 2 Owners Bill S.S. Cold Owners' Address Port Newcastle Voyage

No. of Donkey Boilers 1 Managers Witherington & Co. Ltd. If Surveyed Afloat or in Dry Dock Tyne Dock Eng. (Dry)

Steam Pressure 180 lbs. 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) LMC. C.L.

(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? Yes

" " Donkey " " " "

If this was not done, state for what reasons?

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

2/6/37

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? 180 lbs.

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?

Yes

and of the Donkey Boilers?

Did the Surveyor examine the drain plugs of the Main Boilers?

Yes

and of the Donkey Boiler?

Did the Surveyor examine all the mountings of the Main Boilers?

Yes

and of the Donkey Boiler?

Has screw 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? No

Has shaft now been changed? No 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 3/6/37

State the distance between lignum vitae or bearing metal of stern bush and top of after bearing of screw shaft Close

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

Is electric light and power fitted?

Complete. Yes.

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

Survey for Main and Donkey Boilers. Vessel placed in Drydock. Examined propeller, tail shaft, stern bush and rudders and valves with external fastenings.

Examined main engine cylinders, pistons, valves, crank, thrust and tunnel shafting, main engine and independent pumps, pumping arrangements, condenser (hot), standing engine windlass dynamo, and other parts tested.

Both main boilers examined complete with doors and mountings and safety valves adjusted to correct pressure.

Repairs for Main and Donkey Boilers. Main funnel renewed.

M.P. condenser machined and one half brass renewed.

L.P. piston tongue piece renewed. Piston valve chamber bored out and rings renewed. All bottom ends dismantled and thrust shoes dressed up. P.T.O.

General Observations, Opinion, and Recommendation:—

The Machinery of this Vessel is

(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, D.S.M.S. 9, 11, L.M.C. 9, 11, or C.L.M.C. 140 lb., F.D., &c.)

eligible, in my opinion, to remain as classed with Fresh Record of +LMC 6.37 and C.L. 6.37.

Survey Fee (per Section 20) L.M.C. £ 11 : - : - Fees applied for

" " Electric Light £ : : : 19

Special Damage or Repair Fee (if any) £ : : : Received by me

Travelling expenses (if chargeable) £ : : : 9-7-37

Committee's Minute

Assigned + LMC 6.37

M. Caldwell, W.T. Badger
Engine Surveyor to Lloyd's Register of Shipping.

Lloyd's Register Foundation

If so, is the Report sent no., or when will it be sent?

10m7.36—Transfer In.

If so, to be sent to

CERTIFICATE WRITTEN 19/7/37