

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

(Received at London Office 12.1916)

Date of writing Report 8 August 1916 When handed in at Local Office AUG 11 1916 Port of Newcastle on Tyne

Survey held at Workington Date, First Survey 14 July Last Survey 25 July 1916
(No. of Visits 2)

Survey held on the Machinery of the Wood, Iron or Steel By whom R. Williamson & Sons When 1916
By whom Wm Brandmore & Co When 1916

Vessel built at Workington By whom (Donkey) Year 1916 Month

Engines made at Glasgow Port Glasgow Voyage

Boilers, when made (Main) 1916

Owners Commercial Gas Co

If Surveyed Afloat or in Dry Dock
(State name of Dock.)

Particulars of Classification (which must be inserted precisely as in Register Book & Supplements).

| CHARACTER. X for Special Survey. Date of last Survey and of Periodical Survey. | Years Assigned Applied. | Machinery and Boiler Survey (including date of N.B., if any). |
|---|-------------------------------|---|
| <u>X 100 A1</u> <u>(Contemplated)</u> | | |

Particulars of Examination and Repairs (if any)

Periodical Surveys, when held, must be reported in detail and seriatim in the terms of the Rules. State clearly 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 sides being detailed in the body of the report, should be briefly summarised at the end of the report. State also the names and initials of any letters respecting this case.

- 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? Do. " Donkey " " "
- What parts of the Boilers could not be thus thoroughly examined?
- 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?
- Did the Surveyor examine the Safety Valves of the Main Boiler? To what pressure were they afterwards adjusted under steam?
- 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? , and of the Donkey Boiler?
- Did the Surveyor examine the drain plugs of the Main Boilers? , and of the Donkey Boiler?
- Did the Surveyor examine all the mountings of the Main Boilers? , and of the Donkey Boiler?
- Has the screw shaft now been drawn and examined? Is it fitted with continuous liner? or two liners? or is it without liners?
- Has the shaft now been changed? If so, state reasons
- Has the shaft now fitted new? Has it a continuous liner? or two liners? or is it without liners?
- What is the distance between lignum vitae of stern bush and top of after bearing of screw shaft?

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

Examination before launching: The fitting of the stem tube screw shaft, and propeller and sea-cocks valves examined.

The vessel has proceeded to Glasgow where the machinery is to be fitted on board. Surveyors advised by letter.

General Observations, Opinion, and Recommendation:—

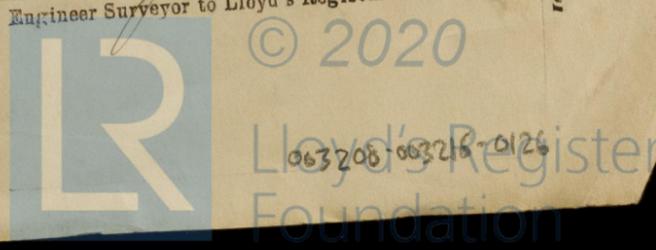
(State clearly what alteration, if any, is suggested to be made in the existing classification of the vessel's machinery in the Register Book, consequent upon this survey, and also any alteration required to be made in the records of the vessel's machinery, boilers, working pressures, &c.: thus, for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

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|---|---------|---------------------------------|
| Survey Fee (per Section 28) | £ | Fees applied for <u>Glasgow</u> |
| Special Damage or Repair Fee (if any) (per Section 28.) | £ | 19 |
| Travelling Expenses (if chargeable) | £ 1 0 6 | Received by me, <u>13/11/16</u> |

W. Cowie + E. J. Hilton
 Engineer Surveyor to Lloyd's Register of Shipping.

Committee's Minute TUE. 3-OCT. 1916

Assigned see minute on G.L. report 36328



Insert Character of Ship and Machinery precisely as in the Register Book.

Is a certificate required? If so, to be sent to