

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

No. 1868

Date of writing Report 4th Oct 1920 When handed in at Local Office 4th Oct 1920 Port of Barrow-in-Furness
No. in Survey held at Workington Date, First Survey 1st June Last Survey 9th Sept 1920
7. Book. on the Machinery of the Wood, Iron or Steel S/S "Ardshean" Master (No. of Visits 2)
Gross 804 Vessel built at Workington By whom R. Williamson & Son When 1920
Net 344 Engines made at Glasgow By whom W. & B. & Co. When 1920
Registered of Main Boilers. Boilers, when made (Main) (Donkey)
of Donkey Boilers. Owners Port Voyage
Main Boilers. If Surveyed Afloat or in Dry Dock On Stocks
Donkey Boilers. (State name of Dock.)

1st Report No. Port
Particulars of Examination and Repairs (if any)
Medical Surveys, when held, must be reported in detail and serially 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 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.

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

| CHARACTER. * for Special Survey. Date of last Survey and of Periodical Surveys. | Years Assigned expired. | Machinery and Boiler Surveys (including date of N.B., if any). |
|--|-------------------------------|--|
| <u>+100 A1</u> <u>(Gloss contemplated)</u> | | |

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?
The Surveyor personally go inside each Main Boiler separately and make a thorough examination at this time?
" " Donkey " " "
If not done, state for what reasons?
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?
The Surveyor examine the Safety Valves of the Main Boiler? To what pressure were they afterwards adjusted under steam?
The Surveyor examine the Safety Valves of Donkey Boiler? To what pressure were they afterwards adjusted under steam?
The Surveyor examine all the manholes, doors and their fastenings of the Main Boilers? , and of the Donkey Boiler?
The Surveyor examine the drain plugs of the Main Boilers? , and of the Donkey Boiler?
The Surveyor examine all the mountings of the Main Boilers? , and of the Donkey Boiler?
Screw shaft now been drawn and examined? Is it fitted with continuous liner? or two liners? or is it without liners?
Shaft now been changed? If so, state reasons
Shaft now fitted new? Has it a continuous liner? or two liners? or is it without liners?
The distance between lignum vitae of stern bush and top of after bearing of screw shaft?
If survey is not complete state what arrangements have been made for its completion and what remains to be done?

Prior to the vessel being launched, the stern tube, propeller shaft, propeller & the sea cocks & valves were examined, whilst being fitted on completion of fitting, in place, & were found satisfactory.
The Engine & Boiler Settings were examined & found in order.
The vessel has been towed to Glasgow, where the stalling of the Machinery will take place. The Surveyors have been advised.

General Observations, Opinion, and Recommendation:—

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.&H.S. 9, 11, or L.M.C. 9, 11, 40 lb., F.D., &c.)

The above is forwarded for the information of the Committee.

Fees applied for
To be collected
by Glasgow
Received by me,
Surveyors.

See Glasgow Report 40524

John Houston
Engineer Surveyor to Lloyd's Register of Shipping.

TUE. NOV. 9 1920

Lloyd's Register
Foundation

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

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

1700-12M
W71-0027