

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

(Received at London Office 30 SEP 1926)

Date of writing Report 29th Sept 1926 When handed in at Local Office 29th Sept 1926 Port of Sunderland

No. in Reg. Book 5521 Survey held at Sunderland Date, First Survey July 22 Last Survey Sep. 22 1926
 on the Machinery of the Wood, Iron or Steel S. S. CAIRNGLEN (No. of Visits 9)

Tonnage { Gross 5019 Vessel built at Sunderland By whom W. Pickering & Co. Ltd When 1926
 Net 3024 Engines made at Newcastle By whom Parsons Marine Steam Turbine Co When 1926

Nominal Horse Power { Boilers, when made (Main) 1926 (Donkey) ✓
 No. of Main Boilers Owners Cairn Line of Steamships Ltd Port Newcastle Voyage
 No. of Donkey Boilers Managers Cairns Noble & Co
 Steam Pressure in Main Boilers If Surveyed Afloat or in Dry Dock River & Greenwells Drydock
 in Donkey Boilers (State name of Dock.)

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

CHARACTER of Special Survey, Date of last Survey and of Periodical Surveys.	Year Assigned new or re-issued.	Machinery and Boiler Surveys (including date of N.B., if any).

Last Report No. Port Completion of 1st Entry & Dkg

Particulars of Examination and Repairs (if any) 1st Entry & Dkg

(Periodical 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 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? ✓

Do. " 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? ✓

Did the Surveyor examine the Safety Valves of the Main Boiler? ✓ To what pressure were they afterwards adjusted under steam? 185 lbs main

Did the Surveyor examine the Safety Valves of Donkey Boiler? ✓ To what pressure were they afterwards adjusted under steam? 190 lbs sub-boiler

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 screw shaft now been drawn and examined? No 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 ✓

Is the shaft now fitted new? ✓ 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 the distance betweenignum vitæ or bearing metal of stern bush and top of after bearing of screw shaft? Close

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

Now done:- Vessel placed in drydock, propeller and outside fastenings of sea connections examined and found in order.

The following carried out in accordance with NCL rpt N^o 80612.
Main boiler and superheater safety valves adjusted under steam. Machinery tried under working conditions and shaft gear verified.

Thickness of adjusting washers.

	Port Boilers	Centre Boilers	Star. Blt.
Port Valve	$\frac{3}{8}$	$\frac{13}{32}$	$\frac{13}{32}$
Star Valve	$\frac{13}{32}$	$\frac{13}{32}$	$\frac{3}{8}$
Sub. Valve	$\frac{11}{32}$	$\frac{13}{32}$	$\frac{11}{32}$

General Observations, Opinion, and Recommendation:— The machinery of this vessel which has been built under special survey is slight in my opinion for classification and the records of L.M.C 9-26 and T.S (C.2) 9-26

	£	Fees applied for
Survey Fee (per Section 28).....		19
Special Damage or Repair Fee (if any) (per Section 28.).....		
Travelling Expenses (if chargeable).....		10

Received by me, George Anderson

Committee's Minute TUES. 5 OCT 1926
 Assigned See Minute on hwe. 2 E.
Rpt 80612



If so, is the Report sent now, or when will it be sent? (The Surveyors are requested not to write on or below the space for Committee's Minute.)

Insert Character of Ship and Machinery precisely as in the Register Book. Is a Certificate required? If so, to be sent to

For indorsement see 1st Entry
Rpt.

J.W.D.
1/10/26
PMS

N.B.—If this Report is copied by copying Press, especial 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.



© 2021

Lloyd's Register
Foundation