

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

No. 16421

of writing Report 26th April 1918 When handed in at Local Office May 21st 1918 (Received at London Office) WED. MAY. 22. 1918

in Book. Survey held at Barry Port of Barry
 Date First Survey 26th April Last Survey 23rd April 1918
 on the Machinery of the ~~Wood, Iron or Steel~~ S.S. "NORTH CAMBRIA" (No. of Vessels) 3
 Gross 3574 Vessel built at W. Hartlepool Master J. W. Nelson
 Net 2244 Engines made at " By whom Furness Riffy & Co. Ld. When 1904 10
 Main Boilers 2 S.B. Boilers, when made (Main) 1904 (Donkey) 1904
 Donkey Boilers 1 Owners H. Roberts & Son (Mgrs.) Port London Voyage
 Pressure— Main Boilers 180 If Surveyed Afloat or in Dry Dock No. 1 & Commercial
 Donkey Boilers 100 (State name of Dock.)

Report No. Port Docking
 Particulars of Examination and Repairs (if any) B.S. (Comp.)

Special Surveys, when held, must be reported in detail and serially in the terms of the Rules. State clearly the nature and extent of examinations and subsequent repairs. Repairs on parts of machinery (the cause of which must be stated) should be separated from repairs due to other causes; and the 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?

Surveyor personally go inside each Main Boiler separately and make a thorough examination at this time? Yes

Surveyor personally go inside each Donkey Boiler separately and make a thorough examination at this time? Yes

Was 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?

Surveyor examine the Safety Valves of the Main Boiler?

To what pressure were they afterwards adjusted under steam?

Surveyor examine the Safety Valves of Donkey Boiler?

To what pressure were they afterwards adjusted under steam?

Surveyor examine all the manholes, doors and their fastenings of the Main Boilers?

, and of the Donkey Boiler?

Surveyor examine the drain plugs of the Main Boilers?

, and of the Donkey Boiler?

Surveyor examine all the mountings of the Main Boilers?

, and of the Donkey Boiler?

How shaft now been drawn and examined? No

Is it fitted with continuous liner?

or two liners?

or is it without liners?

Has it now been changed? If so, state reasons

Has it now been fitted new?

Has it a continuous liner?

or two liners?

or is it without liners?

What distance between lignum vitae of stern bush and top of after bearing of screw shaft?

1/16"

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

Propeller placed in dry dock. Propeller and sea cock fastenings examined. All crack found at root of one propeller blade, this does not affect the efficiency of propeller. Key boiler with its safety valves and mountings has been examined, and its safety valves tested under steam to 100 lbs.

General Observations, Opinion, and Recommendation:—The machinery of this vessel is as far as now 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.C.M.S. 9, 11, or L.M.C. 9, 11, in good condition, and is eligible in my opinion to remain as classed, with fresh record of 12. 14 as recommended by Swansea Report No. 14414.

(per Section 28) Fees applied for
 Page or Repair Fee (if any) 19
 per Section 28. Received by me,
 Expenses (if chargeable) 19

Thomas W. C. Napier
 Engineer Surveyor to Lloyd's Register of Shipping.

Committee's Minute TUE 28 MAY 1918

BS 12.17

W812-0112

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

Blue 5.14. how complete

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.

It is submitted that
this record is suitable for
THE RECORD.

B.S. 12.14

S.M.

24.5.18

THE SURVEYORS ARE REQUESTED NOT TO WRITE ACROSS THE MARGIN.



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