

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

Date of writing Report *July 14<sup>th</sup> 1916* When handed in at Local Office *15 JUL 1916* Port of *London*  
 No. in Reg. Book *1969* Survey held at *London* Date, First Survey *10<sup>th</sup> June* Last Survey *July 14<sup>th</sup> 1916*  
 on the Machinery of the *Wood, Iron or Steel* *S.S. Nettie* Master *Mr. Hsu*  
 Tonnage Gross *876* Net *528* Vessel built at *Glasgow* By whom *Berkeley & Co. When 1864-11*  
 Registered Horse Power *98* Engines made at *Kith* By whom *Stanthorne & Co. When 1889*  
 No. of Main Boilers *1* Boilers, when made (Main) *1889* (Donkey) *1889* *NE 76*  
 No. of Donkey Boilers *1* Owners *J. Currie & Co. 440* Port *Kith* Voyage  
 Steam Pressure in Main Boilers *150 lbs* If Surveyed Afloat or in Dry Dock  
 in Donkey Boilers *50 lbs* (State name of Dock) *Nettie S.S.* Particulars of Classification (which must be inserted previously as in Register Book & Supplements).

Last Report No. Port

Particulars of Examination and Repairs (if any) *B.S.*

(Periodical Surveys, when held, must be reported in detail and according to 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 summarized at the end of the report. State also the date 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 Boilers?

To what pressure were they afterwards adjusted under steam? *150 lbs per sq. in.*

Did the Surveyor examine the Safety Valves of Donkey Boiler?

To what pressure were they afterwards adjusted under steam? *50 lbs per sq. in.*

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

*Yes*, and of the Donkey Boiler? *Yes*

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

*Yes*, and of the Donkey Boiler? *Yes*

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

*Yes*, and of the Donkey Boiler? *Yes*

Has screw shaft now been drawn and examined? *Yes* Is it fitted with continuous liner? *no* or two liners? *Yes* or is it without liners?

Has shaft now been changed? *no* If so, state reasons

Is the shaft now fitted new? Has it a continuous liner? or two liners? or is it without liners?

State the distance between lignum vitae of stern bush and top of after bearing of screw shaft? *1/8.*

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

*The screw shaft drawn & examined & found in good order.*

*The rex-crew & propeller fastenings put in good order.*

*The main boiler with its safety valves & mountings examined the lower part of centre comb. cham. back cut out & renewed, a patch above this renewed, the screw stays in way frame the 2nd end electric working made up in seams in this chamber.*

*14 tubes renewed. The boiler tested by hydraulic pressure to 175 lbs per sq. in. The safety valves adjusted as above.*

*Examined the donkey boiler with its mountings and safety valves & found it in good condition, adjusted its safety valves under steam as above.*

## 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, P.A.M.S. 9, 11, or L.M.C. 9, 11, 14, 15, 16, &c.)

*The machinery & boilers are in good order eligible in my opinion to remain so classed and to have B.S. 7, 16.*

*The examination of the screw shaft to be recorded.*

Survey Fee (per Section 28) *1 10 0*

Special Damage or Repair Fee (if any) (per Section 28.)

Travelling Expenses (if chargeable)

Fees applied for *15<sup>th</sup> July 1916*

Received by *20<sup>th</sup> July 1916*

*H. P. Cornish*

Register Surveyor to Lloyd's Register of Shipping.

Committee's Minute *21 JUL 1916*

Assigned *B.S. 7, 16*



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Be the 6.16 held  
Screw left second

It is submitted that

this request is due to for

THE RECORD B57.16

57.16

W. J. 14.7.16

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OF THE SURVEYORS ARE REQUESTED NOT TO WRITE ACROSS THE MARGIN.



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