

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

(Received at London Office)

16 FEB 1893

Date of writing Report 18... When handed in at Local Office 18... Port of London

No. in Reg. Book. Survey held at London Date, First Survey Jan. 26 Last Survey Feb. 15 1893 (No. of Visits 6)

403 on the Machinery of the Wood, Iron or Steel S.S. "Northwood" Master

Tonnage { Gross 718 Net 345 Vessel built at Newcastle By whom Palmers Co. When 1889 - 1

Registered Horse Power 145 Engines made at do. When 1889 Boilers, when made (Main) 1889 (Donkey)

No. of Main Boilers 2 Owners W. France & Co Port London Voyage

Steam Pressure in Main Boilers 150 lbs. Surveyed Afloat & in Dry Dock Union (State name of Dock.)

in Donkey Boiler 70

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 for renewal.	Machinery and Boiler Surveys (including date of N.B., if any).
-1- 100 A1		-1- L.M.C. 12. 88.
5.92		

Last Survey No. Port

Particulars of Examination and Repairs (if any) S.S. No 1

(Periodical Surveys, when held, must be reported in detail and seriatim 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.)

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

Do. " Donkey " " " Yes

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? Yes

At what pressure were they afterwards adjusted under steam? 150 lbs

Did the Surveyor examine the Safety Valves of Donkey Boiler? Yes

To what pressure were they afterwards adjusted? 70 lbs

If the Survey is not complete state what arrangements have been made for its completion?

Vessel placed in dry dock, sea contents: exd. & found in good condn. the propeller & its fastenings sound & the stern bush worn down 3/16". This tail shaft: was drawn & exd. 5.9.2.

Examd. cyldrs: slides, air, circulating: feed & bilge pumps & valves all found in good condn. Crank, thrust & tunnel shafts: in good condn. the thrust shaft collars, cleaned up in lathe, & new white metal in horse shoe rings. - Main boilers examd: internally & externally: & found in good condn. Safety valves exd: in good condn: & found to lift at 150 lbs & under steam. Which boiler & safety valve exd: found in good condn: & valves tested under steam: lifted at 70 lbs

General Observations, Opinion, and Recommendation: - The machinery being now in good

(State clearly what alteration, if any, is suggested to be made in the existing classification and notification of the vessel's machinery in the Register Book, consequent upon this survey: thus, for example, B.S. 0,02, B.&M.S. 0,02 or L.M.C. 0,02, as the case may be.)

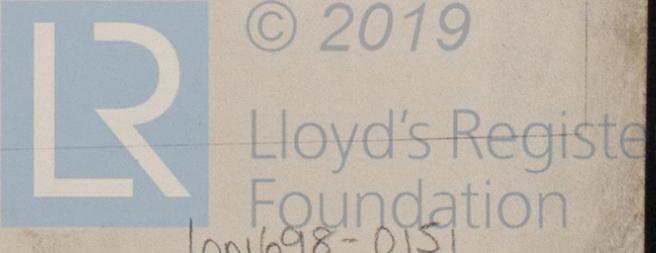
& safe workg. condn: renders the vessel eligible in my opinion to be marked in the Reg. BR: with -1- L.M.C. 2.93.

Office or Registration Fee (per Sec. 27)	£ : :	Fees applied for
Survey Fee (per Section 25)	£ 4 : 0 : 0	16/21 1893
Special Damage Fee (per Section 28)	£ : :	21/2/93
Travelling Expenses (if chargeable)	£ : :	Received by me,

Geo. E. Wilkinson
Engineer Surveyor to Lloyd's Register of British and Foreign Shipping.

*State if Certificate is required
Committee's Minute FR 17 FEB 1893

Assigned + L.M.C. 2, 93



LN698-0151

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.

It is submitted that
this vessel is eligible for
THE RECORD + LMC 2.93

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 cause it to show through to the other side.

Minor repairs have
been carried out:-
those are due to
wear & tear
P. 16.2.93



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THE SURVEYORS ARE REQUESTED NOT TO WRITE ACROSS THIS MARGIN.