

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

No. 51277 Date of Writing Report Oct 31st 1890 Port of London
No. in Reg. Book. Survey held at Millwall Date, first Survey — Last Survey Oct 31st 1890
395 on the Machinery of the s/s "Lombard" Master G. Duncan No. of Visits 1
Tonnage Gross 1750 Net 1132 Vessel built at Newcastle By whom Tyne Iron S. B. Co. When 1877 Boilers, when made (Main) 1877 (Donkey) ✓
Registered Horse Power 160 Engines made at do. When 1877 Boilers, when made (Main) 1877 (Donkey) ✓
No. of Main Boilers 1 Owners G. Cockburn Port London Voyage Odessa
Steam Pressure in Main Boilers 70 If Surveyed Afloat or in Dry Dock afloat millwall Class of Vessel & Machinery +100A1-3-90
in Donkey Boiler ✓ (State name of Dock.) L.M.C. 3-90

Last Survey No. 23830 Port NWC. S.S. Sld: h23-3-90

Particulars of Examination and Repairs (if any)

(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 should be separated from Repairs due to other causes. State also the dates and initials of any letters respecting this case

Did the Surveyor personally go inside each Boiler separately (including the Donkey Boiler, if any), and make a thorough examination at this time?

If this was not done, state for what reasons?

And what parts of the Boilers could not be thus thoroughly examined?

Also, 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 limit on the Low Pressure Crank Pin has now expired.

Examined the Low Press. crank pin, & found two flaws extending halfway round the circumference of the pin, these flaws have been opening & extending of late.

Recommended a new low pressure crank shaft to be fitted before the vessel starts on another voyage - The owner has agreed to fit a shaft on board in Newcastle, next week.

General Observations, Opinion, and Recommendation:—

(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. 1/89, B. & M.S. 1/89, or L.M.C. 1/89, as the case may be.)

This vessel is eligible in my opinion to remain as classed subject to a new crank shaft being fitted on board before the vessel leaves Newcastle.

Office or Registration Fee (per Sec. 27).....	£	:	:	Fees applied for
Survey Fee (per Section 28)	£	:	:	18
Special Damage Fee (per Section 28)	£	:	:	
*Certificate (if required) as per margin	£	:	:	received by me,
Travelling Expenses (if chargeable).....	£	:	:	18

H. P. Cornish.
Engineer Surveyor to Lloyd's Register of British and Foreign Shipping.

Committee's Minute

Assigned

Deferred for further

write hmc survey

FRI 7 NOV 1890

TUES 18 NOV 1890



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Foundation

LON 691-0185

It is submitted that this Vessel
is eligible to remain as
classified, subject to a new
low pressure Giant & shift
being fitted, before
the vessel leaves
Newcastle.

M. A.
6-11-90



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