

No. 13531

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

MON. 13 MAR 1895

(Received at London Office)

Date of writing Report *March 14th 1895* When handed in at Local Office *is* Port of *Glasgow*
 No. in Reg. Book. Survey held at *Ordrossan* Date, First Survey *22 Jan^y* Last Survey *13th March 1895*
58 on the Machinery of the *Wood, Iron or Steel* *S. S. Danish Monarch* Master *✓*
 Tonnage Gross *1338* Net *867* Vessel built at *Newcastle* By whom *Wigham Richardson & Co.* When *1878* YEAR. MONTH. *6*
 Registered Horse Power *150* Engines made at *"* When *1878* Boilers, when made (Main) (Donkey)
 No. of Main Boilers *2* Owners *Crosby, Magee & Co.* Port *London* Voyage
 No. of Donkey Boilers *1* If Surveyed Afloat or in Dry Dock *Ordrossan* (State name of Dock.)
 Steam Pressure in Main Boilers *75 lbs* in Donkey Boilers *50 lbs*

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 now expired.	Machinery and Boiler Surveys (including date of N.B., if any).
<i>+100A1</i> <i>8,94</i> <i>S.S. Hpl No 3,5,91</i>		<i>+LNIC 5,91</i> <i>BS 4,94</i>

Last Survey No. Port

Particulars of Examination and Repairs (if any) *Completion 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?

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?

At what pressure were they afterwards adjusted under steam?

Did the Surveyor examine the Safety Valves of Donkey Boiler?

To what pressure were they afterwards adjusted?

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

All parts of Machinery opened up examined & put in good order viz. cylinders pistons, valves, pumps shafting etc, new gun metal rings fitted in thrust block, new valve fitted in after feed pump & 2 spare valves supplied, new valve & seat fitted in after bilge pump, both Crank Pin brasses being broken have been turned together, turned up in lathe & refitted. All bilge & tank pipes examined repaired & renewed where required.

Main Boilers opened up, cleaned, sealed & examined, both stays of Centre furnaces of both boilers found wasted & leaking at back and have now been renewed for a length of about 2 feet. A small patch has been fitted at back of Centre Comb. Chamber in Port boiler. Several screwed stays renewed in both boilers, on removing the blow-down cocks at backs of both boilers the patches on end plates were found much wasted, these

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. 4,94, B.S.M.S. 4,94 or L.M.C. 4,94, 140 lb., F.D., &c.)

thus vessel is now in good order & eligible in my opinion to remain as classed with the fresh Record of Survey + LMC 3,95

Office of Registration Fee (per Sec. 27) £ : :
 Survey Fee (per Section 28) £ *4.19.*
 Special Damage Fee (per Section 28) £ : :
 Travelling Expenses (if chargeable) £ *2.5.*

Fees applied for

14/3/95
8.10.95
26.3.95
 Received by me, *24/3/95*

Alfred Kidd
 Engineer Surveyor to Lloyd's Register of British and Foreign Shipping.

*State if Certificate is required

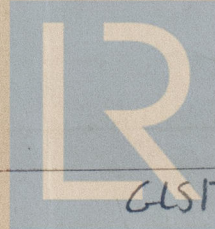
Yes

Committee's Minute

Assigned

TUES 19 MAR 1895

+ LMC 3,95



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GLS171F0335 (1/2)

State if a Report is also now sent on the Ship (yes or if not whether, and when, one will be sent.)

*Certificate to be sent to the Registrar of Shipping (if required) to be sent to the Registrar of Shipping (if required)

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Insert Character of Ship and Machinery precisely as in the Register Book.

Account of Wear & Tear
Several moderate repairs
effected to Main Boilers
Machinery 1331/2

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 shew through to the other side.

It is submitted that
this vessel is eligible for
THE RECORD

MC 3,95

ARR

18.3.95

THE SURVEYORS ARE REQUESTED NOT TO WRITE ACROSS THIS MARGIN.



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Foundation

S. S. Danish Monarch

were taken off & renewed, the one on port boiler being extended, & the blow-down cocks refitted all other patches & seams were carefully examined & pared & caulked as required. A bolted patch having been fitted on bottom of Steam Receiver this has now been removed & an extended rivetted patch fitted, a new manhole door has also been fitted to Steam Receiver & a new drain cock to same. The furnaces of Main Boilers have all been drilled & found to be of sufficient thickness. Safety valves, Main Stop valves, feed check valves & all mountings have all been overhauled, examined & put in good order. Steam pressure gauges all overhauled & tested, 1 new pressure gauge fitted in engine-room.

Donkey Boiler opened up, cleaned, sealed & examined throughout, found in fair condition. Patch on firebox pared & caulked.

Steam has been raised in both Main & Donkey Boilers & their Safety valves adjusted to safe working pressures.

W