

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

JUN 8 JUN 1897

(Received at London Office)

Date of writing Report 8th June 1897 When handed in at Local Office 18 Port of London

No. in Reg. Book 1127 Survey held at London Date, First Survey 12 May Last Survey 4 June 1897

on the Machinery of the Wood, Iron or Steel S.S. "Cortes" Master A. Vinoy (No. of Visits 16)

Tonnage Gross 1261 Net 951 Vessel built at Sunderland By whom J. Laine When 1884-7

Registered 123 Engines made at Sunderland When 1884 Boilers, when made (Main) 1884 (Donkey) 1895

No. of Main Boilers one Owners via Maritima Port Barcelona Voyage Barcelona

No. of Donkey Boilers one Steam Pressure in Main Boilers 90 lbs in Donkey Boilers 80 lbs

Surveyed Afloat ✓ in Dry Dock Milwall & Regent Particulars of Classification (which must be inserted precisely as in Register Book & Supplements).

Last Survey No. _____ Port _____

Particulars of Examination and Repairs (if any) Lm C

CHARACTER. * for Special Survey. Date of last Survey and of Periodical Surveys.	Years Allowed how expired.	Machinery and Boiler Surveys (including date of N.B., if any).
<u>+100A1-9.95</u>		<u>+Lm C 11.92</u>
<u>S.S. Lm No 2-92</u>		<u>B.S. 9.96</u>
		<u>N.B. 95</u>

(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 date 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? Flow 90 lbs

Did the Surveyor examine the Safety Valves of Donkey Boiler? Yes To what pressure were they afterwards adjusted? Flow 60 lbs (Efficient)

Has the propeller shaft been drawn and examined at this time? No If spare propeller shaft fitted, state whether new? ✓ (Bush down bow 18)

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

Vessel placed in dry dock. Examined propeller, Bush & all sea connections & fastenings & found them satisfactory. The propeller shaft & stem Bush recently examined as part of Special Survey. Examined H.P. & L.P. cylinders, pistons, covers, valves & faces, condenser, Air, circulating, Feed & Bilge pumps, & all shafting. The crank shaft found badly fractured in both fillets of left pin, has been removed & a new crank shaft, double throw, has been fitted, the certificate for same is appended. Both Feed pump plungers found thin have been renewed. The H.P. piston has been trued up & new packing rings & springs have been fitted. Holding down bolts overhauled. Examined Main & Donkey Boilers externally & internally and found them in fair condition. Examined all safety valves & found them satisfactory. Examined Main & Donkey Boilers under steam & adjusted safety valves to working pressures.

General Observations, Opinion, and Recommendation: The Machinery of this vessel, as far as seen, is now in a safe working condition & eligible, in my opinion, to have + Lm C 6.97 Recorded in the Register of this Society.

Office or Registration Fee (per Sec. 27)	£	
Survey Fee (per Section 28)	£	4 0 0
Special Damage Fee (per Section 28)	£	8 0 0
Travelling Expenses (if chargeable)	£	3 12 -
Fees applied for		8 16 97
Received by me,		10/6 1897

Thomas R. Blackie
Engineer Surveyor to Lloyd's Register of British and Foreign Shipping.

Committee's Minute FRI, 11 JUN 1897

Assigned + Lm C 6.97

Lloyd's Register Foundation
LON 772 - CH 77

Crank shaft renewed found badly fractured

S.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.

It is submitted that
this vessel is eligible for
THE RECORD.

+ L. H. 66,97

FLS

9/6/97

THE SURVEYORS ARE REQUESTED NOT TO WRITE ACROSS THIS MARGIN.



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