

RECEIVED FROM 21 NOV. 91  
SURVEYOR.

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

37896  
LIVERPOOL.

25 NOV 91

Date of Writing Report *Nov 20<sup>th</sup> 1891* Port of *LIVERPOOL*

Survey held at *Liverpool* Date, first Survey *Oct 31<sup>st</sup> 1891* Last Survey *Nov 14<sup>th</sup> 1891*  
on the Machinery of the *S.S. "Zancla"* Master *Jarvis* No. of Visits *5*

Gross *1089* Vessel built at *Liverpool* By whom *Bowdler Chaffin & Co* When *1871* 12  
Net *706* Engines made at *Liverpool* When *1888* Boilers, when made (Main) *1888* (Donkey) *1888*

Registered *140* Owners *Atlantic & Eastern S.S. Co. Ltd* Port *Liverpool* Voyage *Genoa*

Main Boilers *150 lb* If Surveyed *When in Dry Dock* *Sandon & Co* Class of Vessel & Machinery *M.T. 11.91*

Donkey Boiler *70 lb* 37296 (State name of Dock.) *hiv* Repairs on account of Damage should be separated from

st Survey No. *37296* Particulars of Examination and Repairs (if any) *Special Survey of Machinery*

(State clearly the cause of Repairs, if any, and, in detail, the nature and extent of Examinations and subsequent Repairs.)

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 " " " " "

Was not done, state for what reasons?

What parts of the Boilers could not be thus thoroughly examined?

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? *150 lbs*

What pressure were they afterwards adjusted under steam? *Yes*

Did the Surveyor examine the Safety Valves of Donkey Boiler? *70 lbs*

What pressure were they afterwards adjusted?

The following parts have been opened out and examined

Cylinders, pistons, slide valves, pumps, crank, thrust, and

tunnel shafting Sea cocks and connections

Propeller shaft drawn in, and on account of forward brass

liners being slack, new liners have been fitted, and new

propeller fitted the old one being broken

The main boiler cleaned and examined and found in

good condition. Donkey boiler also in good order

All safety valves examined and adjusted under steam

to the above pressures.

General Observations, Opinion, and Recommendation:— *In my opinion the*

(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. 189, B.&M.S. 189, or L.M.C. 189, as the case may be.)

*machinery of this vessel is in safe working condition*

*and eligible for the new notification L.M.C. 11.91 in the*

*Register Book.*

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

LIV 590-0155

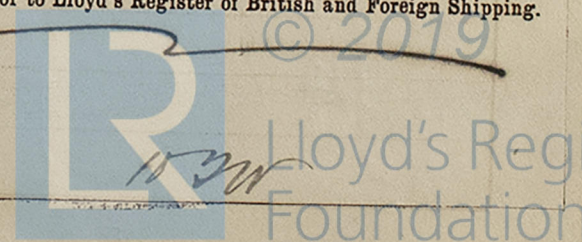
Survey or Registration Fee (per Sec. 27)	£	:	:
Survey Fee (per Section 28)	£	4	0
Special Damage Fee (per Section 23)	£	:	:
Travelling Expenses (if chargeable)	£	:	:
State if Certificate is required			

Fees applied for  
24 NOV 91  
Received by me,  
30/11/91

*Geo. A. Milner*  
Engineer Surveyor to Lloyd's Register of British and Foreign Shipping.

Committee's Minute LIVERPOOL. 24 NOV. 91

Assigned *L.M.C. 11.91* *when fees paid*





It is submitted that this  
 vessel is eligible for the  
 record B.S. 11.91.  
 C. J. J.

16-11-91