

No. 13020

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

TUE. AUG. 29, 1916

(Received at London Office)

When handed in at Local Office 10th Aug 1916 Port of New York  
 Date, First Survey 10th July Last Survey 2nd July 1916  
 Machinery of the Wood, Iron or Steel S.S. "F. J. LISMAN" Master W. O'Brien  
 Vessel built at Elrose Mich By whom Great Lakes Engine Works When 1911  
 Engines made at Detroit By whom DO When 1911  
 Boilers, when made (Main) 1911 (Donkey) 1911  
 Owners Oriental Navigation Co Port Montevideo Voyage France  
 Surveyed Afloat or in Dry Dock Teetgen Lang Dry Dock Particulars of Classification (which must be inserted precisely as in Register Book & Supplements).

| CHARACTER of Special Survey, Date of last Survey and of Periodical Surveys | Years Assigned when surveyed | Machinery and Boiler Surveys (including date of N.B., if any) |
|--|------------------------------|---|
|  |                              |   |

## Examination and Repairs (if any) Classification

held, must be reported in detail and serially in the terms of the Rules. State clearly the nature and extent of examinations and subsequent repairs. Repairs on cause of which must be stated should be separated from repairs due to other causes; and the body of the report, should be briefly summarized at the end of the report. State also the letters respecting this case.

The Surveyor has not made a special damage report he is required to state whether he offered his services for this purpose, and why they were not. Was a damage report made by anyone else? If so, by whom?

Go inside each Main Boiler separately and make a thorough examination at this time? Yes  
 Donkey " " " " ✓  
 For what reasons? ✓  
 Why could not be thus thoroughly examined? ✓  
 In the absence of internal examination, were adopted by the Surveyor the means of ascertaining the thorough efficiency of those parts of each Boiler?  
 Safety Valves of the Main Boiler? Yes To what pressure were they afterwards adjusted under steam? 173 lbs  
 Safety Valves of Donkey Boiler? ✓ To what pressure were they afterwards adjusted under steam? ✓  
 All the manholes, doors and their fastenings of the Main Boilers? Yes, and of the Donkey Boiler?  
 The drain plugs of the Main Boilers? Yes, and of the Donkey Boiler?  
 All the mountings of the Main Boilers? Yes, and of the Donkey Boiler?  
 Main Boiler drawn and examined? Yes Is it fitted with continuous liner? ✓ or two liners? Yes or is it without liners? ✓  
 Donkey Boiler drawn and examined? Yes If so, state reasons ✓  
 Donkey Boiler Has it a continuous liner? ✓ or two liners? ✓ or is it without liners?  
 The lignum vitae of stern bush and top of after bearing of screw shaft? 1/8" Peant.

State what arrangements have been made for its completion and what remains to be done? Space gear to be boarded in accordance with the Rules of the Society.  
Propeller, stern bush, all sea cocks valves and pipes, propeller shaft, thrust and crank shafting, all piston slide valves and casings, condenser, pumps, etc. examined and found in satisfactory condition.

**SURVEY**  
 Boilers examined over all parts with their mountings and safety valves and found in satisfactory condition. Tested to 280 lbs hydraulic pressure with satisfactory results. Safety valves adjusted under steam to 173 lbs.

Observations, Opinion, and Recommendation:— The Machinery of this vessel is in efficient and safe working condition and in my opinion to be classed in the Society's Register Book under the Rules of L.M.C. 7-16, when the space gear has been placed on board.

Repair Fee (if any) 100  
 Received by me, John P. Robson

John P. Robson  
 Engineer Surveyor to Lloyd's Register of Shipping.

TUE. SEP. 19, 1916  
 L.M.C. 7-16  
 MACHINERY PARTIFICATE  
 JUL 20 JUN 1917  
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