

Book.)

Voyage

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 expired.	Machinery and Boiler Surveys (including date of N.B., if any)
(Carrying fuel oil tank)		
(Holds for oil fuel)		

(if any) ... the terms of the Rules. State clearly the ... examinations and subsequent Repairs. Repairs on ... should be separated from Repairs due to other causes; and ... reports, should be briefly summarised at the end of the report. State also the ... of this case.

Surveyor has not made a special damage report he is required to state whether he ... of this purpose, and why they were declined.

report made by anyone else? If so, by whom?

Surveyor personally go inside each Main Boiler ~~separately~~ and make a thorough examination at this time? **Yes**

" Donkey " " " " "

was not done, state for what reasons?

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

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? **Hydrostatic test 510 lbs. applied to both boilers**

Date of internal examination of each boiler: **Stbd July 8th Port July 11th** Present condition of funnel(s) **Good**

Surveyor examine the Safety Valves of the Main Boiler? **Yes** To what pressure were they afterwards adjusted under steam? **500 lbs. Spt 480**

Surveyor examine the Safety Valves of Donkey Boiler? " To what pressure were they afterwards adjusted under steam?

Surveyor examine all the manholes, doors and their fastenings of the Main Boilers? **Yes**, and of the Donkey Boilers? "

Surveyor examine the drain plugs of the Main Boilers? " and of the Donkey Boilers? "

Surveyor examine all the mountings of the Main Boilers? **Yes**, and of the Donkey Boilers? "

Screw shaft now been drawn and examined? **Yes** Is it fitted with continuous liner? **Yes** Is an approved appliance fitted at the after end of the shaft to permit of it being efficiently lubricated? }

Shaft now been changed? " If so, state reasons " Has it a continuous liner? " Is an approved appliance fitted at the after end of the shaft to permit of it being efficiently lubricated? }

Date of examination of Screw Shaft **July 2nd** State the distance between lignum vitae or bearing metal of stern bush and top of after bearing of screw shaft **5/32"**

Engine parts, when referred to by numbers, should be counted from forward. Is electric light and/or power fitted? **Yes**

Did the Surveyor examine the generators, motors, switchgear, cables and fuses? **Yes**

The insulation resistance of the generators, circuits and apparatus been tested and found to be not less than 100,000 ohms? **Yes**

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

**Work Done:- Vessel placed in drydock, propeller, stern bush with its fastenings, sea cocks and valves,**

**with their shell connections examined, sea chest strainer plates removed, chests cleaned and coated.**

**Strainer plates replaced in good order. Stern gland repacked.**

**11 shaft with continuous liner examined and found or now placed in good condition.**

**2 W.T. boilers were opened and examined over all parts with doors, mountings and safety valves**

**and found or now placed in good condition.**

**Safety valves adjusted under steam as stated above.**

**All oil burning equipment, pumps, piping, valves and deck control, examined under working conditions**

**and found in good condition.**

**Machinery repairs, main and auxiliary condensers opened, examined and tested. P.T.O.**

**General Observations, Opinion, and Recommendation:- The machinery and boilers of this vessel are**

**(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. 9.11, B.S.M.S. 9.11, \*L.M.C. 9.11, or \*L.M.C. 140 lb., F.D., &c.)**

**in good condition and eligible in our opinion for a record of B.S. 8.47 now and L.M.C. with date when**

**classification survey has been completed, and T.S. 7.47.**

Survey Fee (per Section 29) **Mch & Rprs \$110.00**  
 Special Damage or Repair Fee (if any) **BS & Rprs \$70.00**  
 (per Section 29.) **Electrical \$75.00**  
 Travelling expenses (if chargeable) **\$6.00**

Fees applied for **Aug 11 1947**  
 Received by me, **Aug 17 1947**

*[Signature]* & *[Signature]*  
 Engineer Surveyor to Lloyd's Register of Shipping.

Committee's Minute  
 Assigned Classification **but uncompleted**  
**B.S. 8.47 T.S. 7.47**

**Lloyd's Register**  
 of Shipping  
 010519 010525 0136

Insert Chapter of Ship and Machinery precisely as in the Register

Is a Certificate required? If so, in the amount of

20 tubes  
The tubes were  
Brickwork in Port

Electrical:-

Main propulsion motor:-

Witnessed a high potential test of 3440 volts  
by a megger test and found to be satisfactory

Main generator:-

Rotating field, megger tested and found to have a low read.  
Co. repair shop and completely overhauled. Number 5 coils being  
insulated. After completion of repairs, rotating field varnished, tested and  
test of 1440 volts for one minute, followed by a satisfactory megger test. Then  
dynamically balanced and its air is turned.

Electric installation examined under working conditions, generators, cables, and fittings  
switchboard and in distribution boxes examined.

Insulation tests made on all circuits, minor repairs effected and all found to be in satisfactory

Electrical repairs:-

Main line reversing contact points renewed.

Windings of the 2 auxiliary generators cleaned and coated.

Coils of the forward fire pump motor removed and rewound and replaced in good order.

Ball bearings of the after fire pump motor renewed.

All machinery seen running during dock trial and found satisfactory.

*Approved*  
*(Classification Contemplated)*  
*Examined 8.47*  
*85 8.47 (500 lb., 92:400 lb.)*  
*S(C.L.) 7.47*

*20/10/67*



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