

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

(Received at London Office 22 FEB 1936)

Writing Report Feb 3 to 36 When handed in at Local Office Feb 3 to 36 Port of Vancouver B.C.

Survey held at Vancouver B.C. Date, First Survey Jan 24 Last Survey Feb 2 1936  
(No. of Visits 2)

on the Machinery of the Wood Iron or Steel M.V. SILVERAY

Gross 4536 Vessel built at Sunderland By whom J.L. Thompson Sons Ltd When 1925 7  
Net 2626 Engines made at do By whom H. Douglas Sons Ltd When 1925  
er } 480 Boilers, when made (Main) do (Donkey) 1925

n Boilers 1 Owners Silver Linn Ltd Owners' Address Port London Voyage India  
Key Boilers 1 Managers Stanley & John Thompson Ltd  
Boilers 1 If Surveyed Afloat or in Dry Dock d.d. Burnard  
y Boilers 120 (State name of Dock.)

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 to the survey.	Machinery and Boiler Surveys (including date of N.B., if any)
<u>7100A / 11th</u>		<u>+ L.M.C. 11.33</u>
<u>freshened 7.36</u>		<u>DTBS. 1.35</u>
<u>S.S. Hull No 2 32</u>		<u>CL 10.33.</u>

Report No. \_\_\_\_\_ Port \_\_\_\_\_

Particulars of Examination and Repairs (if any) damage & part CS

Surveys, when held, must be reported in detail and seriatim in the terms of the Rules. State clearly the repairs, if any, and, in detail, the nature and extent of examinations and subsequent repairs. Repairs on damage (the cause of which must be stated) should be separated from repairs due to other causes; and any detailed in the body of the report, should be briefly summarised at the end of the report. State also the initials of any letters respecting this case.

In cases where the Surveyor has not made a special damage report he is required to state whether he has performed his services for this purpose, and why they were declined report attached

Has a damage report made by anyone else? If so, by whom? Sahagp Assure. London.

Does the Surveyor personally go inside each Main Boiler separately and make a thorough examination at this time? Yes.

Does the Surveyor personally go inside each Donkey Boiler separately and make a thorough examination at this time? Yes.

Where a thorough examination has not been done, state for what reasons? Yes.

Which parts of the Boilers could not be thus thoroughly examined? Yes.

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? Yes.

What is the date of internal examination of each boiler? Jan 26. 1936

Does the Surveyor examine the Safety Valves of the Main Boiler? Yes To what pressure were they afterwards adjusted under steam? Yes

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

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

Does the Surveyor examine the drain plugs of the Main Boilers? Yes and of the Donkey Boiler? Yes

Does the Surveyor examine all the mountings of the Main Boilers? Yes and of the Donkey Boiler? Yes

Has the 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? No

Has the shaft now been changed? No If so, state reasons Yes

Has the shaft now fitted been previously used? Yes Has it a continuous liner? Yes Is an approved appliance fitted at the after end of the shaft to permit of it being efficiently lubricated? Yes

What is the date of examination of Screw Shaft? Jan 27 State the distance between lignum vite or bearing metal of stern bush and top of after bearing of screw shaft Yewooded.

If the examination of the screw shaft is not complete, state what arrangements have been made for its completion and what remains to be done Yes

What is the date when the vessel was placed on dry dock? Yes

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(per Section 29).....	£	75 00	Fees applied for
Damage or Repair Fee (if any).....	£	65 00	Feb 3 1936
Expenses (if chargeable).....	£	6 00	Received by me,

TUE. 10 MAR 1936

TUE. 26 MAY 1936

FRI. 5 JUN 1936

FRI. 10 JUL 1936

FRI. 31 JUL 1936

FRI. 16 OCT 1936

TUE. 1 DEC 1936

FRI. JAN 15 1937

FRI 5 MAR 1937

FRI 28 MAY 1937

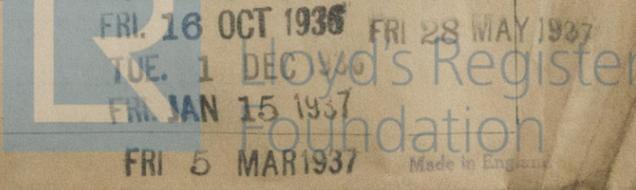
*Stanley & John Thompson*  
Engineer Surveyor to Lloyd's Register of Shipping.



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

Is a Certificate required? If so, to be sent to

W 217-0031(112)



## M.V. "SILVERAY"

Part Continuous Survey.

No 2 main bearing Examined. Lower half remetalled  
 Thrust Shaft & bearing Examined.

Attached Jacket Water Pump Examined - new lines & rods fitted.

(Port Inboard) No 1 Generator Crank Shaft placed in lathe - and journals trued  
 up. Additional Key fitted to flywheel  
 all main bearings remetalled.

Machine Examined under working conditions.

(Aft) No 3 Generator Opened up & Examined throughout including  
 Crank Shaft - main bearings - Crank pins & traves. - headplate.  
 all cylinders - liners - pistons - rods. valves & valve gear  
 Compressor throughout and dynamo.

No 1 Cylinder liner removed - casing bore to provide better landing  
 for liner, and new liner fitted. Generator Examined while working  
 Examined separate bilge pump throughout including motor  
 do do ballast do do do do  
 do Separate Auxiliary Compressor (No 1) including  
 Shaft & rods - Compressor cylinders & pistons & valves, also motor  
 Examined evaporator with mountings & safety valve.

Donkey boiler opened up and Examined on fire and water sides, also  
 all mountings and found in good working condition  
 Safety valve adjusted under steam to 120 lbs.

Examined appliances for turning fuel oil under working conditions.

A new Exhaust gas water heater now fitted - using mountings from  
 old one. - Certificate for heater N° 8107 LLOYDS TEST. SHELL  
 20 lbs per sq inch M.C. 28. 11. 35.

This heater now properly secured in place - with the necessary  
 alterations to Exhaust & other piping also lagging for same.

Heater Safety Valve adjusted under steam to 10 lbs per sq inch.



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