

meb. Rpt.
No. 6404

pt. 4.

REPORT ON STEAM RECIPROCATING ENGINE MACHINERY.

Received at London Office 22 FEB 1945

of writing Report **Nov. 9th, 1944** When handed in at Local Office **Oct. 12th, 1944** Port of **Montreal, Que.**

Survey held at **Three Rivers, Que.** Date, First Survey **April 10th, 1944** Last Survey **Sept. 29th, 1944**

g. Book. on the **S.S. "ASHBY PARK"** (Name) **Constant attendance**

Tons **Gross 2894**
Net 1657

uilt at **PICOU, N.S.** By whom built **FOUNDATION MARITIME LTD** Yard No. **20** When built **1944**

ines made at **Three Rivers, Que.** By whom made **Canada Iron Foundries Ltd** Engine No. **2032** When made **1944**

ilers made at **LACHINE P.Q.** By whom made **DOMINION BRIDGE CO LTD** Boiler No. **1421 1/4** When made **1944**

egistered Horse Power _____ Owners _____ Port belonging to _____

om. Horse Power as per Rule **268.81** Is Refrigerating Machinery fitted for cargo purposes **No** Is Electric Light fitted **Yes**

ade for which Vessel is intended **Ocean Going**

ENGINES, &c.—Description of Engines **Triple Expansion 3 Cylinder** Revs. per minute **72**

ia of Cylinders **20" 31" 55"** Length of Stroke **39"** No. of Cylinders **3** No. of Cranks **3**

ank shaft, dia. of journals as per Rule **10.99"** Crank pin dia. **11.25"** Crank webs Mid. length breadth **16.25"** Thickness parallel to axis **6.875"**

as fitted **11.25"** Mid. length thickness **6.875"** Thickness around eye-hole **4.75"**

intermediate Shafts, diameter as per Rule **10.47"** Thrust shaft, diameter at collar as per Rule **10.99"**

as fitted **10.75"** as fitted **11.25"**

ube Shafts, diameter as per Rule **---** Screw Shaft, diameter as per Rule **11.78"** Is the **Yank** screw shaft fitted with a continuous liner **Yes**

as fitted **---** as fitted **12.25"**

ronze Liners, thickness in way of bushes as per Rule **.657"** Thickness between bushes as per Rule **.493"** Is the after end of the liner made watertight in the

as fitted **.6875"** as fitted **.53125"**

opeller boss **Yes**

ropeller, dia. **15.75"** Pitch **14.0"** No. of Blades **4** Material **Bronze** whether Moveable **No** Total Developed Surface _____ sq. ft.

eed Pumps worked from the Main Engines, No. **2** Diameter **3"** Stroke **26"** Can one be overhauled while the other is at work **Yes**

ilge Pumps worked from the Main Engines, No. **2** Diameter **4.25"** Stroke **26"** Can one be overhauled while the other is at work **Yes**

Feed Pumps (No. and size) _____ Pumps connected to the Main Bilge Line { No. and size _____

How driven _____ How driven _____

allast Pumps, No. and size _____ Lubricating Oil Pumps, including Spare Pump, No. and size _____

re two independent means arranged for circulating water through the Oil Cooler _____ Suctions, connected to both Main Bilge Pumps and Auxiliary

ilge Pumps; —In Engine and Boiler Room _____

u Pump Room _____ In Holds, &c. _____

ain Water Circulating Pump Direct Bilge Suctions, No. and size _____ Independent Power Pump Direct Suctions to the Engine Room Bilges, _____

o. and size _____ Are all the Bilge Suction Pipes in holds and tunnel well fitted with strum-boxes _____

re the Bilge Suctions in the Machinery Space led from easily accessible mud-boxes, placed above the level of the working floor, with straight tail pipes to the bilges _____

re all Sea Connections fitted direct on the skin of the ship _____ Are they fitted with Valves or Cocks _____

re they fixed sufficiently high on the ship's side to be seen without lifting the stokehold plates _____ Are the Overboard Discharges above or below the deep water line _____

re they each fitted with a Discharge Valve always accessible on the plating of the vessel _____ Are the Blow Off Cocks fitted with a spigot and brass covering plate _____

What Pipes pass through the bunkers _____ How are they protected _____

What pipes pass through the deep tanks _____ Have they been tested as per Rule _____

Are all Pipes, Cocks, Valves, and Pumps in connection with the machinery and all boiler mountings accessible at all times _____

s the arrangement of Valves and their connections such as to prevent the possibility of water passing from the sea or from water tanks into the cargo or machinery spaces, or from one compartment to another _____ Is the Shaft Tunnel watertight _____ Is it fitted with a watertight door _____ worked from _____

MAIN BOILERS, &c.—(Letter for record **S**) Total Heating Surface of Boilers **3854 Square Feet**

Which Boilers are fitted with Forced Draft **Port & Stbd.** Which Boilers are fitted with Superheaters **Port & Stbd.**

No. and Description of Boilers **2 - Multitubular Scotch Boilers** Working Pressure **200 lbs./ Square Inch**

IS A REPORT ON MAIN BOILERS NOW FORWARDED? **Yes**

IS A DONKEY BOILER FITTED? _____ If so, is a report now forwarded? _____

Can the donkey boiler be used for domestic purposes only _____

APPROVED PLANS. Are approved plans forwarded herewith for Shafting **London** Main Boiler **New York** Auxiliary Boilers **---** Donkey Boilers _____

(If not state date of approval)

uperheaters _____ General Pumping Arrangements _____ Oil fuel Burning Piping Arrangements _____

SPARE GEAR.

Has the spare gear required by the Rules been supplied **Yes**

State the principal additional spare gear supplied _____

The foregoing is a correct description
Canada Iron Foundries Limited
Per _____

Manufacturer.



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Constant attendance - from April 10th, 1944 to September 29th, 1944.

Dates of Survey while building
During progress of work in shops - -
During erection on board vessel - - -
Total No. of visits

Dates of Examination of principal parts - Cylinders 7.8.44 23.8.44 Slides 31.7.44 17.8.44 Covers 4.8.44 25.8.44
Pistons 15.7.44 12.8.44 29.9.44 Piston Rods 10.8.44 24.8.44 29.9.44 Connecting rods 21.8.44 7.9.44 18.8.44
Crank shaft 22.8.44 21.9.44 Thrust shaft 12.6.44 21.9.44 Intermediate shafts
Tube shaft Screw shaft Propeller
Stern tube Engine and boiler seatings Engines holding down bolts

Completion of fitting sea connections
Completion of pumping arrangements Boilers fixed Engines tried under steam
Main boiler safety valves adjusted Thickness of adjusting washers
Crank shaft material Crank Webs Cast Steel Pins & Journals Identification Mark Lloyd's 3326
Intermediate shafts, material O.H. Steel Identification Marks Tube shaft, material Identification Mark

Screw shaft, material Identification Mark Steam Pipes, material Test pressure Date of Test
Is an installation fitted for burning oil fuel Is the flash point of the oil to be used over 150°F.
Have the requirements of the Rules for the use of oil as fuel been complied with Yes
Is the vessel (not being an oil tanker) fitted for carrying oil as cargo If so, have the requirements of the Rules been complied with

If the notation for Ice Strengthening is desired, state whether the requirements in this respect have been complied with
Is this machinery duplicate of a previous case Yes If so, state name of vessel S/S "ROCKWOOD PARK"

General Remarks (State quality of workmanship, opinions as to class, &c.)
This ENGINE together with Thrust Shaft, Thrust Block and Condenser have been constructed under Special Survey in accordance with the Rules and Approved Plans, and the workmanship is, in my opinion, good.

The Forgings and Castings have been tested and finally examined by the undersigned and found satisfactory.
This ENGINE has been shipped to FOUNDATION MARITIME LIMITED, PICTOU, NOVA SCOTIA for installation and official trials.

It is recommended for the favourable consideration of the Committee that the record of * L.M.C. (valid date) be made in the Register Book in the case of the Vessel, subject to satisfactory installation and sea trials.

Approved
Thommas Park
Engineer Surveyor to Lloyd's Register of Shipping.

The amount of Entry Fee ... £ 20:00
Special ... £ 200:00
Donkey Boiler Fee ... £ :00
Travelling Expenses (if any) £ 19:00

When applied for, 15th Dec. 1944
When received, 19.

Committee's Minute
Assigned Su. F.E. machy opt.

FRI. 2 MAR 1945

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