

Rpt. 4
Rpt. 4
20 AUG 1943

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No. 5893

REPORT ON STEAM RECIPROCATING ENGINE MACHINERY.

Received at London Office.

June 22nd./43
Oct. 9th 1942
When handed in at Local Office
Oct. 9th 1942
Port of
MONTREAL, QUE.
5th. June, 1942
Date, First Survey
17th July, 1942
Last Survey
20th. May 43
13th September 1942
o. in
Survey held at
MONTREAL, QUE.
eg. Book.
on the
S. S. "LANSDOWNE PARK"
uilt at
LAUZON, LEVIS, P.Q. By whom built
GEO. T. DAVIE & SONS LIMITED
engines made at
Lachine, Montreal, P.Q. By whom made
DOMINION BRIDGE COMPANY LTD.
oilers made at
Lachine, Montreal, P.Q. By whom made
DOMINION BRIDGE COMPANY LTD.
egistered Horse Power
Mgr. PARK STEAMSHIP CO. LTD.
Owners
Port belonging to
Montreal
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

NGINES, &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" Mid. length breadth
16.25" Thickness parallel to axis
6.875"
as fitted
11.25" Crank webs
Mid. length thickness
6.875" Thickness around eye-hole
4.75"
Intermediate Shafts, diameter
as per Rule
10.47" Thrust shaft, diameter at collars
as per Rule
10.99"
as fitted
10.75" as fitted
11.25"
Ibe Shafts, diameter
as per Rule
— Screw Shaft, diameter
as per Rule
11.78"
as fitted
— as fitted
12.25" Is the tube screw shaft fitted with a continuous liner
Yes
onze Liners, thickness in way of bushes
as per Rule
.657" Thickness between bushes
as per Rule
.493"
as fitted
.6875" as fitted
.53125" Is the after end of the liner made watertight in the
peller boss
Yes If the liner is in contact with the propeller boss, is the space between the liner and the propeller boss filled with a plastic material insoluble in water and non-corrosive
The liner does not fit tightly at the part between the bearings in the stern tube, is the space charged with a plastic material insoluble in water and non-corrosive
Two liners are fitted, is the shaft lapped or protected between the liners
Is an approved Oil Gland or other appliance fitted at the after end of the tube
If so, state type
— — — — — Length of Bearing in Stern Bush next to and supporting propeller
51-3/8"
opeller, dia.
15.75" Pitch
14.0" No. of Blades
4 Material
Bronze whether Moveable
No Total Developed Surface
sq. ft.
ed Pumps worked from the Main Engines, No.
2 Diameter
3" Stroke
26" Can one be overhauled while the other is at work
Yes
ge Pumps worked from the Main Engines, No.
2 Diameter
4.25" Stroke
26" Can one be overhauled while the other is at work
Yes
ed (No. and size
2-3" -.26" stroke Pumps connected to the
Main Bilge Line
No. and size
1- 10x12x10" Ballast pump
How driven
main engine How driven
Steam 200 tons per hour
last Pumps, No. and size
1-10"x12"x10" Lubricating Oil Pumps, including Spare Pump, No. and size
— — — — — Suctions, connected to both Main Bilge Pumps and Auxiliary
ge Pumps;—In Engine and Boiler Room
2-3"P, 1-3"S, 1-3"P, 1-3"S stokehold
Pump Room
4-2 1/2" P&S No. 3 hold, 2-3"P&S No. 2 hold, 2-3" P&S No. 1
old, 2-3" P&S dry tank under boilers.

in Water Circulating Pump Direct Bilge Suctions, No. and size
1-6" dia. Independent Power Pump Direct Suctions to the Engine Room Bilges,
and size
1-4" dia. Are all the Bilge Suction Pipes in holds and tunnel well fitted with strum-boxes
Yes
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
Yes
all Sea Connections fitted direct on the skin of the ship
with compensation Are they fitted with Valves or Cocks
Yes
they fixed sufficiently high on the ship's side to be seen without lifting the stokehold plates
Yes Are the Overboard Discharges above or below the deep water line
below
they each fitted with a Discharge Valve always accessible on the plating of the vessel
Yes Are the Blow Off Cocks fitted with a spigot and brass covering plate
Yes
at Pipes pass through the bunkers
Steam pipe & scuppers How are they protected
steel sheeting
at pipes pass through the deep tanks
Tank suction lines Have they been tested as per Rule
Yes
all Pipes, Cocks, Valves, and Pumps in connection with the machinery and all boiler mountings accessible at all times
Yes
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
partment to another Is the Shaft Tunnel watertight
Yes Is it fitted with a watertight door
No worked from
—

AIN BOILERS, &c.—(Letter for record
S) Total Heating Surface of Boilers
3854 Square Feet -
ich Boilers are fitted with Forced Draft
Port and Starboard - - - Which Boilers are fitted with Superheaters
Port and Starboard -
and Description of Boilers
2 Multitubular Scotch Boilers Working Pressure
200 lbs. per square inch
A REPORT ON MAIN BOILERS NOW FORWARDED?
Yes
A DONKEY BOILER FITTED?
No If so, is a report now forwarded?
—
the donkey boiler be used for domestic purposes only
Approved Approved
ANS. Are approved plans forwarded herewith for Shafting
London Main Boilers
New York Auxiliary Boilers
Donkey Boilers
(If not state date of approval)
rheaters
General Pumping Arrangements
Oil fuel Burning Piping Arrangements

SPARE GEAR.

the spare gear required by the Rules been supplied
Yes
the principal additional spare gear supplied
Condenser tubes, ferrules, boiler plain & stay tubes, uptake tubes
perheater spares, spares for dynamo and auxiliary pumps.

The foregoing is a correct description

DOMINION BRIDGE CO. LIMITED
P. D. Findlay, Mechanical Engineer.

Manufacturer.



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R. A. Stanger & H. P. Pritchard
Engineers Surveyors to Lloyd's Register

Engineer Surveyor to Lloyd's Register of Shipping

FRI. 17 SEP 1943

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