

Received at London Office

ENGINES, &c.—Description of Engines **Four Cylinder Triple Expansion** Revs. per minute **185**
Dia. of Cylinders **18½"x31"x38½"x38½"** **Length of Stroke** **30"** **No. of Cylinders** **4 per Engine** **No. of Cranks** **4 per Engine**
Crank shaft, dia. of journals as per Rule **10.0275"** **Mid. length breadth** **--** **Thickness parallel to axis** **6.5"**
Crank pin dia. **10.5"** **Crank webs** **shrunk** **Mid. length thickness** **--** **Thickness around eye-hole** **4.875"**
Intermediate Shafts, diameter as per Rule **9.56"** **Thrust shaft, diameter at collars** as per Rule **10.03"**
as fitted **10.50"** as fitted **10.50"**
Indicator Shafts, diameter as per Rule **--** **Screw Shaft, diameter** as per Rule **10.76"** **Is the** **(screw)** **shaft fitted with a continuous liner** **{ No**
as fitted **--** as fitted **10.75"**

[illegible]

Is the liner in more than one length, i.e. the junction under the piston to the whole length? ☐ No ☐ Yes
If the liner does not fit right in the port between the bearing in the stern tube, is the space charged with a plastic material or not? ☐ No ☐ Yes
If two liners are joined, is the shaft flanged or protected between the liners? ☐ No ☐ Yes
shaft Yes If so, state type Newark Length of Bearing in Stern Bush next to and supporting propeller 5'6"

Propeller, dia 10'0" Pitch 10'2" No. of Blades 3 Material Bronze whether Moveable No Total Developed Surface 55 sq. ft.

Feed Pumps worked from the Main Engines, No. None Diameter -- Stroke -- Can one be overhauled while the other is at work --

Bilge Pumps worked from the Main Engines, No. None Diameter -- Stroke -- Can one be overhauled while the other is at work --

Feed Pumps	{ No. and size 4 Off 8"x10g"x22"Stroke How driven Steam	Pumps connected to the Main Bilge Line	{ No. and size 4 off 10"x8"x10"Stroke Duplex How driven Steam 2-30 Ton Ejectors in BR.
------------	--	--	---

[illegible]

Bilge Pumps;—In Engine and Boiler Room 2-2½" Direct 4-3" Main 4-2½" Hose CNTS to Cofferdams in ER, 4-3" Main 2-2½" Hose in Pump Room. Ford. 3-3", AFT 3-3", 1-5", 1-2½" In Holds, &c. All Spaces outside ER, BR, & PR. 2½" & 3" Mains. Boil Room
Hose Con.

Main Water Circulating Pump Direct Bilge Suctions, No. and size 2-9" Dia. Independent Power Pump Direct Suctions to the Engine Room Bilges
No. and size 2-2 1/2" Are all the Bilge Suction Pipes in holds and tunnel well fitted with strum-boxes Yes
Are all the Bilge Suction Pipes in holds and tunnel well fitted with strum-boxes Yes

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

Are all Sea Connections fitted direct on the skin of the ship..... **Yes**..... Are they fitted with Valves or Cocks..... **Valves**

Are 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
Are 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 ~~xxx~~ zinc covering plate. Yes

What Pipes pass through the bunkers	None	How are they protected	---
What pipes pass through the deep tanks	None	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..... **yes**

Is 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 space into another..... **yes**

compartment to another Yes Is the Shaft Tunnel watertight Yes ~~xxx~~ fitted with a watertight ~~xxx~~ Hatch on LOWER DECK.

Total Heating Surface of Boiler 12512 Square Feet.

MAIN BOILERS, &c.— (Letter for record S.....) Total Heating Surface of Boilers 1000 Square Feet.....
Which Boilers are fitted with Forced Draft Both..... Which Boilers are fitted with Superheaters None.....

No. and Description of Boilers 2-Water Tube Yarrow Type Working Pressure 225 lbs/sq. in.
IS A REPORT ON MAIN BOILERS NOW FORWARDED? Yes

IS A DONKEY BOILER FITTED? No If so, is a report now forwarded? --

PLANS. Are approved plans forwarded herewith for Shafting. Approved Main Boilers. Approved New York ~~XXXXXXXX~~ ~~XXXXXXXX~~

(If not state date of approval) London NEW YORK Oil fuel Burning Piping Arrangements NEW YORK
~~Superheater~~ General Pumping Arrangements NEW YORK

SPARE GEAR.
Has the spare gear required by the Rules been supplied.....YES

State the principal additional spare gear supplied. AS PER BRITISH ADMIRALTY REQUIREMENTS.

The foregoing is a correct description

~~CANADIAN VICKERS, LIMITED~~

Manufacturer.

© 2021

Lloyd's Register

016412-016423-0164

100

