

REPORT ON MACHINERY.

Received at London Office

Port of Buffalo, N.Y. Date, First Survey 7th May 1918 Last Survey 26th Sept 1918

Survey held at Buffalo, N.Y. on the Engines for No. 11 Ship

Registered Horse Power 643 Owners The Texas Steamship Co Port belonging to

Engines made at Buffalo, N.Y. By whom made H. G. Root Co (No 61) when made 1918

Is Refrigerating Machinery fitted for cargo purposes Is Electric Light fitted

GINES, &c.—Description of Engines Triple Expansion No. of Cylinders 3 No. of Cranks 3

No. of Cylinders 26 1/2 - 14 - 7 1/4 Length of Stroke 51" Revs. per minute 75 Dia. of Screw shaft 14.71 Material of screw shaft O.F.S.

Is the after end of the liner made water tight Yes If the liner does not fit tightly at the part

Length of stern bush 63.75 Dia. of Crank shaft journals 14.64 Dia. of Crank pin 14 3/4 Size of Crank webs 28x10

No. of Blades 4 State whether moveable No Total surface 87.8

Can one be overhauled while the other is at work

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No. and size of Suctions connected to both Bilge and Donkey pumps

In Holds, &c.

Is a separate Donkey Suction fitted in Engine room & size

Are the sluices on Engine room bulkheads always accessible

Are they Valves or Cocks

Are the Discharge Pipes above or below the deep water line

Are the Blow Off Cocks fitted with a spigot and brass covering plate

How are they protected

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

Are the Bilge Suction Pipes, Cocks, and Valves arranged so as to prevent any communication between the sea and the bilges

Is it fitted with a watertight door worked from

MANUFACTURERS, &c.—(Letter for record) Manufacturers of Steel

Heating Surface of Boilers 9975.8 Is Forced Draft fitted Yes No. and Description of Boilers B9 W

Working Pressure 200 lbs Tested by hydraulic pressure to Date of test No. of Certificate

Area of fire grate in each boiler No. and Description of Safety Valves to

Area of each valve Pressure to which they are adjusted Are they fitted with easing gear

Mean dia. of boilers Length Material of shell plates

Range of tensile strength Are the shell plates welded or flanged Descrip. of riveting: cir. seams

Diameter of rivet holes in long. seams Pitch of rivets Lap of plates or width of butt straps

Working pressure of shell by rules Size of manhole in shell

No. and Description of Furnaces in each boiler Material Outside diameter

Thickness of plates Description of longitudinal joint No. of strengthening rings

Combustion chamber plates: Material Thickness: Sides Back Top Bottom

If stays are fitted with nuts or riveted heads Working pressure by rules

Working pressure by rules Material of stays



