

Hull Rpt No 31681
REPORT ON MACHINERY.

No. 11025

Received at London Office
When handed in at Local Office July 7 1919 Port of Grimsby
Date, First Survey Mar 15 1918 Last Survey June 4 1919
(Number of Visits 26)

Survey held at Grimsby on the Engines of H.M. Drifter "Fogbank"
Built at Barton on Humber By whom built Clapson
By whom made Central Co-operative Eng. S. Works when made 1919

By whom made S. when made 1919
Horse Power Owners The Admiralty Port belonging to

Is Refrigerating Machinery fitted for cargo purposes Is Electric Light fitted No
Description of Engines Triple Expansion No. of Cylinders 3 No. of Cranks 3

Cylinders 9 1/2 15 1/2 26 Length of Stroke 18 Revs. per minute 140 Dia. of Screw shaft 5 1/4
Material of screw shaft Steel

Is the after end of the liner made water tight
If the liner is in more than one length are the joints burned No length

Length of stern bush 24
Dia. of Crank shaft journals 5 1/4 Dia. of Crank pin 5 1/4 Size of Crank webs 10 x 3 1/2

Dia. of screw 6-9 Pitch of Screw 8-6 No. of Blades 4 State whether moveable No Total surface 18 1/2

Feed pumps 1 Diameter of ditto 2 1/2 Stroke 9 Can one be overhauled while the other is at work No
Bilge pumps 1 Diameter of ditto 2 1/2 Stroke 9 Can one be overhauled while the other is at work No

Donkey Engines 1 Sizes of Pumps 5 1/2 x 3 1/2 x 5 No. and size of Suctions connected to both Bilge and Donkey pumps
In Holds, &c. One 2" dia.

Bilge Injections 1 sizes 2 1/2 Connected to condenser, or to circulating pump No As a separate Donkey Suction fitted in Engine room of size 2 1/2
Are the roses in Engine room always accessible Yes Are the sluices on Engine room bulkheads always accessible Yes

Are they Valves or Cocks Both
Are the Discharge Pipes above or below the deep water line above

Are the Blow Off Cocks fitted with a spigot and brass covering plate Yes
How are they protected Wooden casings

of examination of completion of fitting of Sea Connections 30/5/19 of Stern Tube 30/5/19 Screw shaft and Propeller 30/5/19

ERS, &c. (Letter for record) Manufacturers of Steel
Heating Surface of Boilers Is Forced Draft fitted No No. and Description of Boilers See separate report

Working Pressure 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 18 1/2 lbs Are they fitted with easing gear Yes

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

Working pressure of furnace by the rules Combustion chamber plates: Material Thickness: Sides Back Top Bottom

If stays are fitted with nuts or riveted heads Working pressure by rules End plates in steam space

Diameter at smallest part Area supported by each stay Working pressure by rules Material of stays

Material of Lower back plate Thickness Greatest pitch of stays Working pressure of plate by rules

Pitch of tubes Material of tube plates Thickness: Front Back Mean pitch of stays
Working pressures by rules Girders to Chamber tops: Material Depth and
Length as per rule Distance apart Number and pitch of stays in each
Superheater or Steam chest; how connected to boiler Can the superheater be shut off and the boiler worked
Diameter Length Thickness of shell plates Material Description of longitudinal joint Diam. of rivets
Pitch of rivets Working pressure of shell by rules Diameter of flue Material of flue plates Thickness
Distance between rings Working pressure by rules End plates: Thickness How stayed
Area of safety valves to superheater Are they fitted with easing gear

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