

# REPORT ON STEAM RECIPROCATING ENGINE MACHINERY.

No. 17033

18 JUL 1931

Received at London Office 25 APR 1931

Report 13.4.31 When handed in at Local Office 22-4-1931 Port of Hartlepool  
 Survey held at Hartlepool Date, First Survey 15 Sept/30 Last Survey 22 April 1931  
 the Twin Screw S. "VESTFOLD" Yard No. 189  
 Builders Furness S B Co Ltd Engine No. 2677  
 Made at Hartlepool By whom made Richardsons Westgarth & Co Ltd Boiler No. 2677 when made 1931  
 Made at ditto By whom made 4 Co Ltd Port belonging to Sandefjord  
 Owners HVALFANGERAKTIESELSKAPET VESTFOLD  
 Horse Power 997 Is Refrigerating Machinery fitted for cargo purposes no Is Electric Light fitted Yes  
 Power as per Rule 997  
 which Vessel is intended Whaling, ocean going.

ES, &c.—Description of Engines Twin screw, quadruple expansion Revs. per minute 96  
 Cylinders 20 1/2"-29 1/2"-42 1/2"-62" Length of Stroke 45" No. of Cranks 8  
 as per Rule 13.04" Mid. length breadth 19 3/4" Thickness parallel to axis 8 1/2"  
 as fitted 13 1/2" Crank webs 8 1/2" shrunk Thickness around eye-hole 5 3/4"  
 as per Rule 12.42" Thrust shaft, diameter at collars 14 1/4" as per Rule 13.04"  
 as fitted 13 1/4" at ends 17" main part Is the tube } shaft fitted with a continuous liner } Yes  
 as fitted 13 1/4" as fitted 14 3/4" Is the screw }  
 as per Rule 7.16 as per Rule 5.38 Is the after end of the liner made watertight in the  
 as fitted 7/8" Thickness between bushes as fitted 9/16"  
 If the liner is in more than one length are the junctions made by fusion through the whole thickness of the liner Yes  
 Is an approved Oil Gland or other appliance fitted at the after end of the tube Yes  
 Length of Bearing in Stern Bush next to and supporting propeller 59 1/2"  
 Total Developed Surface 85 sq. feet  
 Can one be overhauled while the other is at work Yes  
 Can one be overhauled while the other is at work Yes  
 No. and size 2 main 15 1/2" x 11 1/2" x 24" Pumps connected to the { No. and size 1 Bilge 10 1/2" x 12" x 18" 1 Ball 13 1/2" x 16" x 26"  
 How driven Steam 1 Aux. 15 1/2" x 11 1/2" x 24" Main Bilge Line { How driven Steam  
 Lubricating Oil Pumps, including Spare Pump, No. and size 1 13 1/2" x 16" x 26"  
 Suctions, connected to both Main Bilge Pumps and Auxiliary  
 no independent means arranged for circulating water through the Oil Cooler  
 Pumps;—In Engine and Boiler Room 3 of 3 1/2" dia  
 Olds, &c. 2-2 1/2" in W.T. Flat over 7 ft. deep tanks

Water Circulating Pump Direct Bilge Suctions, No. and size 2 of 8" Independent Power Pump Direct Suctions to the Engine Room Bilges, Hats with perforated covers  
 Are all the Bilge Suction Pipes in holds and tunnel well fitted with strum-boxes Yes  
 Are they fitted with Valves or Cocks both  
 Are the Overboard Discharges 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 Yes  
 Have they been tested as per Rule Yes  
 Are all Pipes, Cocks, Valves, and Pumps in connection with the machinery and all boiler mountings accessible at all times Yes  
 Is the Shaft Tunnel watertight none Is it fitted with a watertight door worked from  
 Total Heating Surface of Boilers 14,800 sq. ft.  
 Working Pressure 265 lbs.

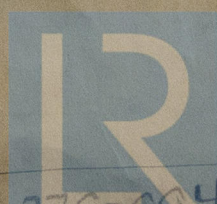
MAIN BOILERS, &c.—(Letter for record S) No. and Description of Boilers 5 single ended  
 Forced Draft fitted yes If so, is a report now forwarded? yes  
 IS A REPORT ON MAIN BOILERS NOW FORWARDED? yes  
 IS A DONKEY BOILER FITTED? no Main Boilers yes Auxiliary Boilers yes Donkey Boilers yes  
 Are approved plans forwarded herewith for Shafting (If not state date of approval) yes Oil fuel Burning Piping Arrangements yes  
 PLANS. General Pumping Arrangements yes

SPARE GEAR. State the articles supplied:—2 Bolts & nuts for con. rod top ends. 2 ditto bottom ends  
2 ditto main bearings 1 set coupling ditto. 1 set piston springs. 1 piston rod. 1 slide  
rod. 1 eccentric strap 1 pair crank pin bearings. 1 propeller shaft. 2 propellers 1 set of  
valves & seats for feed, bilge, ballast, sanitary & fresh water pumps. 1 steam chest  
for feed pumps. 59 condenser tubes. For circ. cent. pump 1 impeller & shaft.  
1 top end & 1 bottom end bearing. & 1 set piston rings. 115 boiler tubes.  
2 safety valve springs. Bolts & nuts assorted, & iron assorted.  
2 con. rod top end bearings. 1 set air pump valves. 6 piston bolts & nuts.  
Various spare parts for oil burning units & fan engine.

The foregoing is a correct description,  
 For RICHARDSONS, WESTGARTH & Co. LIMITED.

W. E. Koveridge  
 LOCAL DIRECTOR

Manufacturer



© 2019

Lloyd's Register  
 Foundation

W270-0046



Report 13  
held at  
the Ju

he *July*  
 at *Ha*  
 e Power  
 JBULA  
 s of Steel  
 Surface  
 ription o  
 traumatic p  
 grate in  
 set of v

key boiler  
ence betw  
ence betw  
nal dia.  
- 17"  
- 32  
to Feb. 6  
strength

il butt str  
te Ste

of stiffe  
in stea  
ys secu  
: Mate

combustion  
tree  
sing  
tree  
sing  
math

Engineer Surveyor to Lloyd's Register of

*Assigned*

+ L. McC. 7.31  
Fitted for oil fuel 7.31 F.P. above 150°  
C.L. F.D.