

REPORT ON MACHINERY.

No. 70587

Received at London Office

MON. 14 JAN. 1913

of writing Report

When handed in at Local Office

12 JAN 1913

Port of

NEWCASTLE-ON-TYNE

Survey held at Newcastle-on-Tyne Date, First Survey 8th Apr 1911 Last Survey 14 Dec. 1912

Book. Ferro-Concrete "Armistice" (Engine No. 227 for a Concrete Tons) Gross Not

on the Screw Steamer By whom built Ferro-Concrete Ship Construction Co When built 1919

ter Built at Barrow By whom made Shields Eng. & Dry Dock Coy Ltd when made 1914

nes made at South Shields By whom made Riley Bros. Ltd when made

ers made at London Owners The Ferro-Concrete Ship Construction Co Port belonging to London

istered Horse Power 73 Is Refrigerating Machinery fitted for cargo purposes No Is Electric Light fitted Yes

Is Electric Light fitted Yes

Is Electric Light fitted Yes

Is Electric Light fitted Yes

Is Electric Light fitted Yes

Is Electric Light fitted Yes

Is Electric Light fitted Yes

Is Electric Light fitted Yes

Is Electric Light fitted Yes

Is Electric Light fitted Yes

Is Electric Light fitted Yes

Is Electric Light fitted Yes

Is Electric Light fitted Yes

Is Electric Light fitted Yes

Is Electric Light fitted Yes

Is Electric Light fitted Yes

Is Electric Light fitted Yes

Is Electric Light fitted Yes

Is Electric Light fitted Yes

Is Electric Light fitted Yes

Is Electric Light fitted Yes

Is Electric Light fitted Yes

Is Electric Light fitted Yes

Is Electric Light fitted Yes

Is Electric Light fitted Yes

Is Electric Light fitted Yes

Is Electric Light fitted Yes

Is Electric Light fitted Yes

Is Electric Light fitted Yes

Is Electric Light fitted Yes

Is Electric Light fitted Yes

Is Electric Light fitted Yes

Is Electric Light fitted Yes

Is Electric Light fitted Yes

Is Electric Light fitted Yes

Is Electric Light fitted Yes

Is Electric Light fitted Yes

Is Electric Light fitted Yes

Is Electric Light fitted Yes

Is Electric Light fitted Yes

Is Electric Light fitted Yes

Is Electric Light fitted Yes

Is Electric Light fitted Yes

Is Electric Light fitted Yes

Is Electric Light fitted Yes

Is Electric Light fitted Yes

Is Electric Light fitted Yes

Is Electric Light fitted Yes

Is Electric Light fitted Yes

Is Electric Light fitted Yes

Is Electric Light fitted Yes

Is Electric Light fitted Yes

Is Electric Light fitted Yes

Is Electric Light fitted Yes

Is Electric Light fitted Yes

Is Electric Light fitted Yes

Is Electric Light fitted Yes

Is Electric Light fitted Yes

Is Electric Light fitted Yes

Is Electric Light fitted Yes

Is Electric Light fitted Yes

Is Electric Light fitted Yes

Is Electric Light fitted Yes

Is Electric Light fitted Yes

Is Electric Light fitted Yes

Is Electric Light fitted Yes

Is Electric Light fitted Yes

Is Electric Light fitted Yes

Is Electric Light fitted Yes

Is Electric Light fitted Yes

Is Electric Light fitted Yes

IS A DONKEY BOILER FITTED? ☒

If so, is a report now forwarded?

SPARE GEAR. State the articles supplied: Two top end bolts & nuts, two bottom end bolts & nuts, two main bearing bolts, 1 1/2 sets of coupling bolts, one set of feed & bilge pump valves, one set of piston springs, assorted bolts & iron.

The foregoing is a correct description.

FOR THE SHIELDS ENGINEERING & DRY DOCK CO., LIMITED.

J. H. Read

MANAGING DIRECTOR

Manufacturer.

Dates of Survey while building: During progress of work in shops - 1917 Sep. 8, 10, 20, 25. Oct. 2, 10, 17, 23, 29. Nov. 6, 8, 14. Dec. 17. During erection on board vessel - 1918, July 15th, Aug. 8th, Nov. 19th, 22nd, 26th, Dec. 5th, 16th, 18th, 31st, 1919, Jan. 2nd, 3rd, 6th, 13th, 14th, 17th, 21st, 27th, 28th, 30th, Feb. 3rd, 5th, 6th, 7th. Total No. of visits - 13 (5 hrs) - 25 at Barrow. Is the approved plan of main boiler forwarded herewith? ☒ " " " donkey " " "

Dates of Examination of principal parts - Cylinders 25/9/17. Slides 25/9/17. Covers 17/12/17. Pistons 25/9/17. Rods 20/9/17. Connecting rods 20/9/17. Crank shaft 10/9/17. Thrust shaft 17/10/17. Tunnel shafts 17/12/17. Screw shaft 17/10/17. Propeller 17/12/17. Stern tube & gland. Steam pipes tested 21-1-19. Engine and boiler seatings 18-12-18. Engines holding down bolts 27-1-19. Completion of pumping arrangements 5-2-19. Boilers fixed 27-1-19. Engines tried under steam 28-1-19. Main boiler safety valves adjusted 28-1-19. Thickness of adjusting washers Star & Port S.V. 3/8 P.V. 1/2; Port & Star S.V. 3/8. Material of Crank shaft Iron Identification Mark on Do. 2539. Material of Thrust shaft Iron Identification Mark on Do. 2539. Material of Tunnel shafts Iron Identification Marks on Do. 2539. Material of Screw shafts Iron Identification Marks on Do. 2539. Material of Steam Pipes Gofaper, No. 7 W.S. Test pressure 280 lbs per sq. in. Is an installation fitted for burning oil fuel No. Is the flash point of the oil to be used over 150°F.

Have the requirements of Section 49 of the Rules been complied with?

Is this machinery duplicate of a previous case? ☒ If so, state name of vessel.

General Remarks (State quality of workmanship, opinions as to class, &c.)

These Engines were built under special survey. The materials and workmanship are good. On completion they were despatched to Barrow where they will be put on a Proconcrete hull.

The Machinery of this vessel has been efficiently fitted on board & the boiler safety-valves have been adjusted under steam to 14.3 lbs per sq. in. Accumulation tests were carried out on the safety valves with satisfactory results. On completion of fitting out the vessel proceeded to sea for a full power trial, & this proved in all respects satisfactory.

The Machinery of this vessel is in my opinion, eligible to be classed + LMC 2-19 in the Register Book.

Date of Build of Engines should be 2.19

J. H. Read

John Houston

The amount of Entry Fee

Special Fitting on board (Boilers) Donkey Boiler Fee

Travelling Expenses (if any)

Committee's Minute

Assigned

When applied for,

12 JAN 1919

When received,

25 JAN 1919

FRI. 7 MAR. 1919

3.4.19.

Engine Surveyor to Lloyd's Register of British & Foreign Shipping



© 2020

Lloyd's Register Foundation