

REPORT ON STEAM RECIPROCATING ENGINE MACHINERY.

Received at London Office

NEWCASTLE-ON-TYNE

Date of writing Report

When handed in at Local Office 4 12 10 28 Port of

No. in
Reg. Book.

Survey held at

Date, First Survey

Last Survey 27 Nov. 1928

on the

Built at

By whom built

Yard No.

Tons

Gross 6900

Net 4330

When built 1928

Engines made at

By whom made

Engine No.

when made

Boilers made at

By whom made

Boiler No.

when made

Registered Horse Power

Owners United British S.S. Coy. Ltd.

Port belonging to London

Nom. Horse Power as per Rule

Is Refrigerating Machinery fitted for cargo purposes

Is Electric Light fitted yes

Trade for which Vessel is intended

General cargo. Foreign going.

ENGINES, &c.—Description of Engines

Triple expansion

Revs. per minute

42

Dia. of Cylinders

Length of Stroke

No. of Cylinders

No. of Cranks

Crank shaft, dia. of journals

Crank pin dia.

Crank webs

Mid. length breadth

Thickness parallel to axis

Intermediate Shafts, diameter

as per Rule

Thrust shaft, diameter at collars

as per Rule

Tube Shafts, diameter

as per Rule

Screw Shaft, diameter

as per Rule

Is the

shaft fitted with a continuous liner

yes

Bronze Liners, thickness in way of bushes

as per Rule

Thickness between bushes

as per Rule

Is the after end of the liner made watertight in the

propeller boss

If the liner is in more than one length are the junctions made by fusion through the whole thickness of the liner

If the liner does not fit tightly at the part between the bearings in the stern tube, is the space charged with a plastic material insoluble in water and non-corrosive

Is an approved Oil Gland or other appliance fitted at the after

If two liners are fitted, is the shaft lapped or protected between the liners

Length of Bearing in Stern Bush next to and supporting propeller

Total Developed Surface

Propeller, dia.

Pitch

No. of Blades

Material

Stroke

Can one be overhauled while the other is at work

Feed Pumps worked from the Main Engines, No.

Diameter

Stroke

Can one be overhauled while the other is at work

Bilge Pumps worked from the Main Engines, No.

Diameter

Stroke

Can one be overhauled while the other is at work

Feed Pumps

No. and size

Pumps connected to the

Main Bilge Line

No. and size

How driven

Ballast Pumps, No. and size

Lubricating Oil Pumps, including Spare Pump, No. and size

Are two independent means arranged for circulating water through the Oil Cooler

Bilge Pumps;—In Engine and Boiler Room

In Holds, &c.

Main Water Circulating Pump Direct Bilge Suctions, No. and size

No. and size

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

Are all Sea Connections fitted direct on the skin of the ship

Are they fixed sufficiently high on the ship's side to be seen without lifting the stokehold plates

Are they each fitted with a Discharge Valve always accessible on the plating of the vessel

What Pipes pass through the bunkers

What pipes pass through the deep tanks

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

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 compartment to another

Is the Shaft Tunnel watertight

Is it fitted with a watertight door

Total Heating Surface of Boilers

Working Pressure

Is Forced Draft fitted

No. and Description of Boilers

IS A REPORT ON MAIN BOILERS NOW FORWARDED?

IS A DONKEY BOILER FITTED?

PLANS. Are approved plans forwarded herewith for Shafting

(If not state date of approval)

Superheaters

General Pumping Arrangements

Oil fuel Burning Piping Arrangements

SPARE GEAR. State the articles supplied:

Two each bolts & nuts for top & bottom ends

One set coupling bolts, one propeller shaft complete, 2

see strap bolts & nuts, 1 set feed bilge pump valves & seats, complete set

lockwood & carlisle rings for pistons & valves, 1 set air pp valves, 5 escape

valve spring, various bolts & nuts, one propeller, quantity of assorted

bolts, nuts & wire.

The foregoing is a correct description,

Manufacturer.

FOR THE WALLSEND SLIPWAY & ENGINEERING CO. LIMITED.



Lloyd's Register
Foundation

WS07-0204

Dates of Survey while building

During progress of work in shops - -	1927	1928
	DEC. 8. 21. 23. 29.	JAN. 4. 23. FEB. 2. 7. 9. 15. 20. 21. 29. MAR. 7. 8. 9. 12. 16. 21. 22. 28. APR. 3. 14. 11.
	13. 16. 18. 19. 24. 27. 30.	MAY. 1. 3. 4. 7. 8. 9. 10. 11. 14. 15. 22. 25. JUNE. 4. 11. 15. 18. 21. 22. JULY. 10. AUG. 29.
During erection on board vessel - - -	SEP. 17. 19.	OCT. 12. 18. 23. 29. NOV. 5. 8. 9. 12. 15. 20. 27.
Total No. of visits	66	

Dates of Examination of principal parts—Cylinders 11-5-28 Slides 15-5-28 Covers 11-5-28
Pistons 15-5-28 Piston Rods 18-4-28 Connecting rods 14-5-28
Crank shaft 22-3-28 Thrust shaft 4-4-28 Intermediate shafts 22-10-28, 18-10-28, 4-6-28
Tube shaft 4-5-28 Screw shaft 18-6-28 Propeller 10-4-28
Stern tube 4-5-28 Engine and boiler seatings 29-10-28 Engines holding down bolts 15-11-28
Completion of fitting sea connections 29-10-28
Completion of pumping arrangements 24-11-28 Boilers fixed 8-11-28 Engines tried under steam 20-11-28
Main boiler safety valves adjusted 20-11-28 Thickness of adjusting washers P.B.L.R. P. 5. 5/16", C.B. P. 4. 5/16", S.B. P. 4. 5/16"
Crank shaft material Off Steel Identification Mark 9013, 13, 14 W.B. Thrust shaft material Off Steel Identification Mark 211 W.B.
Intermediate shafts, material Off Steel Identification Marks 101, 1241, Tube shaft, material Off Steel Identification Mark 4-5-28
Screw shaft, material Off Steel Identification Mark 43+225 W.B. Steam Pipes, material S.D. Copper Test pressure 360 lbs Date of Test 12-11-28
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 the Rules for carrying and burning oil fuel been complied with ✓
Is this machinery duplicate of a previous case Yes If so, state name of vessel "Geddington Court."

General Remarks (State quality of workmanship, opinions as to class, &c.)
The Machinery of this vessel has been built under Special Survey, Materials & Workmanship good. Hydraulic tests satisfactory. The whole of the machinery is efficiently installed and fixed in the vessel & was tried under steam and is in good & safe working condition and eligible in my opinion to be classed and have records. **L.M.C. 11-28**. Tail Shaft C.L. in the Register Book.

It is submitted that this vessel is eligible for THE RECORD. + L.M.C. 11-28 CL. F.D.

J. 25. 7/12/28.

The amount of Entry Fee ... £ 6 - - :
Special ... £ 103 9 0 :
Donkey Boiler Fee ... £ ✓ :
Travelling Expenses (if any) £ ✓ :
When applied for. 54 DEC 1928
When received. 15-12-28

William Butler.
Engineer Surveyor to Lloyd's Register of Shipping.

Committee's Minute TUE 18 DEC 1928

Assigned + L.M.C. 11-28 C.L. 25.

CERTIFICATE WRITTEN

