

AIR RECEIVERS:—Have they been made under survey... ☒ **YES** State No. of report or certificate... ☒

Is each receiver, which can be isolated, fitted with a safety valve as per Rule... ☒ **FUSIBLE PLUGS**

Can the internal surfaces of the receivers be examined and cleaned... ☒ **YES** Is a drain fitted at the lowest part of each receiver... ☒ **YES**

Injection Air Receivers, No. — Cubic capacity of each — Internal diameter — thickness —

Seamless, welded or riveted longitudinal joint — Material — Range of tensile strength — Working pressure by Rules — Actual —

Starting Air Receivers, No. **TWO** Total cubic capacity **300 cu. ft.** Internal diameter **4'-6"** thickness **1 3/8"**

Seamless, welded or riveted longitudinal joint **ELECT. WELD** Material **MILD STEEL** Range of tensile strength **SHELL 28/32 TNS/D"** Working pressure by Rules — Actual — **ENDS 26/30 TNS/D"**

IS A DONKEY BOILER FITTED ☒ **YES** If so, is a report now forwarded ☒ **YES (NWC 107316)**

Is the donkey boiler intended to be used for domestic purposes only... ☒ **NO**

PLANS. Are approved plans forwarded herewith for shafting... ☒ **YES** Receivers... ☒ **YES** Separate fuel tanks... ☒ **YES**

Donkey boilers... General pumping arrangements... ☒ **SEE SHIP REPORT FOR ENDS** Pumping arrangements in machinery space... ☒ **YES**

Oil fuel burning arrangements... ☒ **YES**

Have Torsional Vibration characteristics been approved... ☒ **YES** Date of approval **16.8.49**

SPARE GEAR.

Has the spare gear required by the Rules been supplied... ☒ **YES**

State the principal additional spare gear supplied... **AS PER ATTACHED LISTS.**

DOXFORD BIBBY DETUNER FITTED. { **FIXED MEMBER WK² = 4.5 TNS. FT.²**
FLOATING " WK² = 10.0 TNS. FT.²

R & W. HAWTHORN LESLIE & CO. LIMITED

The foregoing is a correct description, and the particulars of the installation as fitted are as approved for the Torsional Vibration Characteristics.

Dates of Survey while building

During progress of work in shops -	(1944) Oct. 31. (1949) Oct. 28. Nov. 17. 18. 30. Dec. 8. 14. 21. 23. (1950) Jan. 11. 31. Feb. 3. 10. 20. 24. Mar. 2. 8. 10
During erection on board vessel -	31. April. 3. 5. 14. 18. 24. 26. 28. May. 1. 2. 4. 8. 10. 12. 16. 18. 20. 24. 26. 31. June. 2. 7. 9. 12. 13. 15. 19. 20. 21. 22. 23. 24. 28. 29. July. 3. 5. 7. 11. 12. 13. 14. 24. 26. 28. Aug. 4. 8. 10. 14. 15. 16. 17. 21. 22. 23. 24. 25. 28. 29. 30.
Total No. of visits	Eighty

Dates of examination of principal parts — **Cylinders** 17. 11. 49 etc. **Covers** — **Pistons** 26. 4. 50 etc. **Rods** 26. 4. 50 etc. **Connecting rods** 24. 4. 50 etc.

Crank shaft 3. 2. 50 etc. 8. 5. 50 **Flywheel shaft** 14. 4. 50 **Thrust shaft** IN CRANKSHAFT. **Intermediate shafts** 14. 4. 50 **Tube shaft** —

Screw shaft 3. 4. 50 / 12. 5. 50 **Propeller** 12. 5. 50 / 24. 5. 50 **Stern tube** 4. 5. 50 / 10. 5. 50 **Engine seatings** — **Engine holding down bolts** 20. 7. 50

Completion of fitting sea connections 31. 5. 50 **Completion of pumping arrangements** 28. 8. 50 **Engines tried under working conditions** 29. 30. 8. 50

Crank shaft, material F.O.H.I.S. **Identification mark** A.B. 1. 5. 50 **Flywheel shaft, material** F.O.H.I.S. **Identification mark** 11514. LLs No. 8004. AT. 5. 50

Thrust shaft, material F.O.H.I.S. **Identification mark** IN CRANKSHAFT. **Intermediate shafts, material** F.O.H.I.S. **Identification mark** 11513. LLs No. 8004. AT. 5. 50

Tube shaft, material — **Identification mark** — **Screw shaft, material** F.O.H.I.S. **Identification mark** 11511. LLs No. 8004. AT. 5. 50

Identification marks on air receivers " LLOYDS TEST: TP. 950 LBS. WP. 600 LBS. 10. 3. 50. A.B."

Welded receivers, state Makers' Name. **R & W. HAWTHORN LESLIE & CO. LD. NEWCASTLE. ON. TYNE.**

Is the flash point of the oil to be used over 150°F... ☒ **YES**

Have the requirements of the Rules for oil fuel pipes and tank fittings been complied with... ☒ **YES**

Description of fire extinguishing apparatus fitted. **STEAM SMOTHERING IN BLR. FLAT: 2-10 GAL. & 18-2 GAL. PHOMENE EXTINGUISHERS**

Is the vessel (not being an oil tanker) fitted for carrying oil as cargo... ☒ **NO** If so, have the requirements of the Rules been complied with... ☒ **NO**

If the notation for ice strengthening is desired, state whether the requirements in this respect have been complied with... ☒ **NOT DESIRED**

Is this machinery duplicate of a previous case... ☒ **NO** If so, state name of vessel... ☒ **NO**

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

The machinery of this vessel has been constructed and installed under Special Survey in accordance with the Approved Plans, the Society's Rules, and Special letters. The material and workmanship are good.

The machinery & Donkey Boilers, Steering Gear & Windlass have been examined under full working conditions both alongside quay and at sea with satisfactory results and is in my opinion eligible for classification with the records of + LMC. 8.50: TS. CL: 2 DB. 180 LBS/D": MACHINERY AFT: OIL ENGINE:

The amount of Entry Fee ... £ 255 : 8 : 0

NEW CONSTRUCTION ... £ 17 : 15 : 0

Special (66 TNS) ... £ 8 : 0 : 0

Donkey Boiler Fee ... £ 8 : 0 : 0

2 AIR VESSELS ... £ 8 : 0 : 0

Travelling Expenses (if any) £ :

When applied for **25 SEP 1950**

When received 19

Engineer Surveyor to Lloyd's Register of Shipping.

(Committee's Minute **FRI, 13 OCT 1950**)

Assigned **+ LMC 8.50. Oil Eng.**

2 DB 180 lb. C.L.



© 2021

Lloyd's Register Foundation