

AIR RECEIVERS:—Have they been made under survey *yes* State No. of Report or Certificate *C. 45365*

Is each receiver, which can be isolated, fitted with a safety valve as per Rule *yes*
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, lap welded or riveted longitudinal joint *✓* Material *—* Range of tensile strength *—* Working pressure *—*

Starting Air Receivers, No. *2* Total cubic capacity *900 Cu. ft.* Internal diameter *6-0 5/16"* thickness *Shell 1 1/2" Ends 1 3/4"*
Seamless, lap welded or riveted longitudinal joint *Riveted* Material *Steel* Range of tensile strength *Ends 26/30* Working pressure *by Rules 356 Actual 356*

IS A DONKEY BOILER FITTED? *yes* If so, is a report now forwarded? *Manchester Rpt.*

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*
(If not, state date of approval)

Donkey Boilers *—* General Pumping Arrangements *yes* Pumping Arrangements in Machinery Space *yes*

Oil Fuel Burning Arrangements *yes.*

SPARE GEAR.

Has the spare gear required by the Rules been supplied *yes*

State the principal additional spare gear supplied *As per attached list. (With plans sent 20/7/42)*

The foregoing is a correct description,
FOR HARLAND AND WOLFF, LIMITED.

Wm. J. Wright Manufacturer.

Dates of Survey while building
During progress of work in shops - - *1941 Jan: 16 Feb: 10-21 Apr: 2-9-18 May: 1-12-16-23 June: 4-20-27 Jul: 9*
During erection on board vessel - - *Oct: 20 Dec: 1-10-30 (1942) Jan: 12-14-20-26-27-29 Feb: 5-6-11-13-18-19 Mar: 5-13-16-30 Apr: 2*
Total No. of visits *58 15-17-20-27-29 May: 5-7-15-28-28-29 June 2-3-8-11-19-25 July: 1-3-9*

Dates of Examination of principal parts—Cylinders *19-2-42* Covers *19-2-42* Pistons *5-3-42* Rods *5-3-42* Connecting rods *13-3-42*

Crank shaft *20-1-42* Flywheel shaft *✓* Thrust shaft *20-1-42* Intermediate shafts *30-3-42* Tube shaft *✓*

Screw shaft *30-3-42* Propeller *30-3-42* Stern tube *30-3-42* Engine seatings *14-4-42* Engines holding down bolts *2-6-42*

Completion of fitting sea connections *14-4-42* Completion of pumping arrangements *3-7-42* Engines tried under working conditions *9-7-42*

Crank shaft, Material *Steel* Identification Mark *1117 P.F.* Flywheel shaft, Material *—* Identification Mark *—*

Thrust shaft, Material *Steel* Identification Mark *S. 1436 P. 9.* Intermediate shafts, Material *Steel* Identification Marks *S. 2930*

Tube shaft, Material *✓* Identification Mark *—* Screw shaft, Material *Steel* Identification Mark *S. 2830*

Identification Marks on Air Receivers *45365 Lloyd's Reg. 585th. WP 356th, J.S.C. 26-2-42.*

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*

Is the vessel (not being an oil tanker) fitted for carrying oil as cargo *✓* If so, have the requirements of the Rules been complied with *—*

If the notation for Ice Strengthening is desired, state whether the requirements in this respect have been complied with *✓*

Is this machinery duplicate of a previous case *yes* If so, state name of vessel *British Vigilance. G.L. Rpt No. 65*

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

The machinery of this vessel has been built under Special Survey and in accordance with the approved plans and the Rules of this Society.

The materials and workmanship are good.

The machinery has been efficiently secured in position on board the vessel and afterwards tried under full working conditions with satisfactory results.

The machinery is eligible in my opinion to be classed in the Register Book with notation of *+ LMC 7.42 C.L. 2 DB. WP 150th.*

The amount of Entry Fee .. £ *5* : - :
Special £ *98* : *10* : *21 JUL 1942*
Donkey Boiler Fee £ : :
Travelling Expenses (if any) £ : : *19*

P. Fitzgerald & G. E. Murdoch
Engineer Surveyors to Lloyd's Register of Shipping,

Committee's Minute *GLASGOW 21 JUL 1942*

Assigned *+ LMC 7.42 Lic. Eng.*

2 DB 150th



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Foundation

Certificate (if required) to be sent to Glasgow. (In dup.)

The Surveyors are requested not to write on or below the space for Committee's Minute.