

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 *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 by Rules *✓*
Starting Air Receivers, No. *2* Total cubic capacity *350 cuft.* Internal diameter *5'-0"* thickness *1 5/16*
 Seamless, lap welded or riveted longitudinal joint *Riveted* Material *Steel* Range of tensile strength *Shell 29-33 lb* Working pressure by Rules *601 lb*
 Actual *600 lb*

IS A DONKEY BOILER FITTED? *Yes* If so, is a report now forwarded? *Yes*
 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 *Yes* 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 - as per attached list.*
 State the principal additional spare gear supplied



The foregoing is a correct description,
FOR BARCLAY, CURLE & CO., LTD
Alexander Macnill Manufacturer.

Dates of Survey while building
 During progress of work in shops-- 1938 June: 15 July: 5-11-28 Aug.: 1-2-5-11-15-23-30-31 Sep.: 9-23-27 Oct.: 4-10-11-14-17-21-24-26-28 Nov.:
 During erection on board vessel--- 1-3-8-9-11-15-17-18-22-23-24-25-28 Dec.: 1-2-5-7-9-12-16-19-21-27-30 (1939) Jan.: 9-12-16-18-20-23-26
 Total No. of visits *66* Feb.: 6-10-14-17-20-22-28 Mar.: 8-10-13-14

Dates of Examination of principal parts—Cylinders *3-11-38* Covers *✓* Pistons *28-11-38; 7-12-38* Rods *28-11-38; 7-12-38* Connecting rods *27-12-38*
 Crank shaft *16-12-38* Flywheel shaft *✓* Thrust shaft *✓* Intermediate shafts *16-12-38* Tube shaft *✓*
 Screw shaft *16-12-38* Propeller *23-11-38* Stern tube *12-12-38* Engine seatings *26-1-39* Engines holding down bolts *6-2-39*
 Completion of fitting sea connections *23-1-39* Completion of pumping arrangements *28-2-39* Engines tried under working conditions *14-3-39*

Crank shaft, Material *S.M. Eng. Steel* Identification Mark *6403/494 N° 5A* Flywheel shaft, Material *✓* Identification Mark *✓*
 Thrust shaft, Material Identification Mark Intermediate shafts, Material *S.M. Eng. Steel* Identification Marks *N° 2434-1666 5A*
 Tube shaft, Material *✓* Identification Mark *✓* Screw shaft, Material *S.M. Eng. Steel* Identification Mark *N° 2436 5A*

Identification Marks on Air Receivers
 G70
 LLOYDS
 TEST
 800 lb
 WP 600 lb
 5A 18-11-38

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 *Oil Tanker* 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 *No* If so, state name of vessel *✓*

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 Rules and approved plans. The materials and workmanship are good. It has been efficiently secured in position on board, tried under working conditions and found satisfactory. The machinery is eligible in my opinion to be classed in the Register Book with notation + L.M.C. 3-39-C.L. 2DB-1804*

The amount of Entry Fee .. £ 6 : - :
 Special .. £ 118 : 1 :
 Winding Fee .. £ 12 : 12 :
 Donkey Boiler Fee .. £ 4 : 4 :
 Travelling Expenses (if any) £ : :
 Committee's Minute **GLASGOW** 28 MAR 1939
 Assigned *1- Lmc 3.39* 2.58 180 lb

G. Anderson
 Engineer Surveyor to Lloyd's Register of Shipping.
 Lloyd's Register Foundation

GLASGOW

Certificate (if required) to be sent to
 (The Surveyors are requested not to write on or below the space for Committee's Minute.)

If not, state whether, and when, one will be sent
 Is a Report also sent on the Hull of the Ship?