



**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.** 2 Cubic capacity of each 2 1/2 Internal diameter — thickness —  
 Seamless, lap welded or riveted longitudinal joint — Material — Range of tensile strength — Working pressure —  
**Starting Air Receivers, No.** 3 Total cubic capacity 711 cu. ft. Internal diameter 5'-0" thickness 1 5/16"  
 Seamless, lap welded or riveted longitudinal joint RIVETED Material STEEL Range of tensile strength 29/33 tons Working pressure 600 lb.  
 by Rules — 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 2-10-41  
 (If not, state date of approval)  
 Donkey Boilers YES General Pumping Arrangements YES Pumping Arrangements in Machinery Space 3-12-41  
 Oil Fuel Burning Arrangements 15-11-41

**SPARE GEAR.**

Has the spare gear required by the Rules been supplied YES  
 State the principal additional spare gear supplied LIST ATTACHED



The foregoing for Barclay, Curle & Co., Ltd.  
 Alexander Macmillan, Manufacturer.

Dates of Survey while building		During progress of work in shops--	
Total No. of visits <u>86</u>		1941 Oct 1, Dec 9, 16, 24, 31	1942 Jan 5, 8, 13, 14 Feb 2, 9, 13, 27 Mar 3, 9, 12, 13, 18, 21, 23, 26 Apr 1, 9, 16, 24 May 6, 7, 13, 20
		Jan 3, 9, 12, 15, 17, 23, 25, 29, 30 Jul 3, 6, 10, 14, 16, 21 Aug 3, 6, 10, 14, 21, 27 Sep 11, 14, 17, 30 Oct 2, 9, 14, 21, 26, 29 Nov 3, 5, 10, 18, 23, 25 Dec 3, 7, 9, 11	

Dates of Examination of principal parts—Cylinders 25-6-42 Covers — Pistons 21-8-42 Rods 21-8-42 Connecting rods 16-10-42  
 Crank shaft 5-11-42 Flywheel shaft 5-11-42 Thrust shaft 5-11-42 Intermediate shafts 30-12-42 Tube shaft —  
 Screw shaft 15-1-43 Propeller 15-1-43 Stern tube 2-2-43 Engine seatings 8-2-43 Engines holding down bolts 7-4-43  
 Completion of filling sea connections 8-2-43 Completion of pumping arrangements 6-5-43 Engines tried under working conditions 18-5-43  
 Crank shaft, Material S.M. Steel Identification Mark 10941A5B+ Flywheel shaft, Material — Identification Mark —  
 Thrust shaft, Material S.M. Steel Identification Mark 10941A5B+ Intermediate shafts, Material S.M. Steel Identification Marks 10941A5B+  
 Tube shaft, Material — Identification Mark — Screw shaft, Material S.M. Steel Identification Mark 10941A5B  
 Identification Marks on Air Receivers LLOYD'S TEST 800 LBS.  
W.P. 600 LBS. A.T.B. 15-1-43 + 22-1-43

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 —  
 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 —  
 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 "EMPIRE TRUST" GLS. R.

**General Remarks** (State quality of workmanship, opinions as to class, &c. This machinery has been built under special survey in accordance with the Rules and approved plans, and the materials and workmanship are good. It has been satisfactorily installed in the vessel, tested under working conditions and found efficient and, in my opinion, is eligible to be classed with records + LMC 5, 43 And notation CL 2 DB 120 lb.

6 steam pipes 5" to 3 1/2" dia. Pressure Pipe as per gls. Cert. C. 48209

The amount of Entry Fee ..	£ 6 - -	When applied for,	
Special ..	£ 143 - -	When received,	
WELDING FEE	£ 25 4		
DONKEY BOILER FEE	£ 9 9		
AIR RECEIVERS			
Travelling Expenses (if any) £	9 9		

*[Signature]*  
 Engineer Surveyor to Lloyd's Register of Shipping.

Committee's Minute **GLASGOW 25 MAY 1943**  
 Assigned -1- LMC 5.43 One Eng  
2 DB 120 lb

