

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. FOUR Total cubic capacity 62.2 cu. ft. Internal diameter 18 1/4" thickness 3/8" **APPROVED**
 Seamless, lap welded or riveted longitudinal joint SEAMLESS Material STEEL Range of tensile strength 28-32 tons Working pressure 500 LBS/SQ

IS A DONKEY BOILER FITTED? — If so, is a report now forwarded? —
 Is the donkey boiler intended to be used for domestic purposes only **YES**
PLANS. Are approved plans forwarded herewith for Shafting **YES** Receivers **YES** Separate Fuel Tanks —
 Donkey Boilers — General Pumping Arrangements — Pumping Arrangements in Machinery Space —
 Oil Fuel Burning Arrangements —

SPARE GEAR.
 Has the spare gear required by the Rules been supplied **YES**
 State the principal additional spare gear supplied

The foregoing is a correct description,
CROSSLEY BROTHERS LIMITED,
Manchester Manufacturer.

Dates of Survey while building { During progress of work in shops -- } 1939. SEPT. 13. 19. 20. 29. OCT. 19. 22. 25. NOV. 7. 8. DEC. 18. 1940. JAN. 13. 1941
 { During erection on board vessel -- }
 Total No. of visits 12.

Dates of Examination of principal parts—Cylinders 22-10-39. Covers 20-9-39. Pistons 22-10-39. Rods — Connecting rods 8-11-39.
 Crank shaft 29-9-39. Flywheel shaft — Thrust shaft 25-10-39. Intermediate shafts — Tube shaft —
 Screw shaft — Propeller — Stern tube — Engine seatings — Engines holding down bolts —
 Completion of fitting sea connections — Completion of pumping arrangements — Engines tried under working conditions —
 Crank shaft, Material O.H. INCOY STEEL Identification Mark LLOYDS 1140 GRC Flywheel shaft, Material — Identification Mark —
 Thrust shaft, Material O.H. INCOY STEEL Identification Mark LLOYDS Intermediate shafts, Material — Identification Marks —
 Tube shaft, Material — Identification Mark — Screw shaft, Material — Identification Mark —
 Identification Marks on Air Receivers CTCO.
No 890381. No 890382. No 890386 No 890387.
LLOYDS TEST. DRW. 9-10-39. LLOYDS TEST. CSP. 11-1-40.

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 MCH REPORT NO 9804. HROAD 29

General Remarks (State quality of workmanship, opinions as to class, &c.)
THESE ENGINES HAVE BEEN CONSTRUCTED UNDER SPECIAL SURVEY OF TESTED MATERIALS AND ARE IN ACCORDANCE WITH THE SECRETARY'S LETTERS, APPROVED PLANS AND RULE REQUIREMENTS. THE MATERIALS AND WORKMANSHIP ARE OF A GOOD QUALITY AND THE ENGINES WHEN TESTED IN SHOP UNDER FULL LOAD CONDITIONS SHewed SATISFACTORY RESULTS. IN MY OPINION THESE ENGINES ARE SUITABLE FOR THE PURPOSE INTENDED AND WHEN SATISFACTORILY INSTALLED ON BOARD AND REPORTED UPON BY THE SOCIETY'S SURVEYORS WILL BE ELIGIBLE TO HAVE THE NOTATION OF LLOYDS MACHINERY CERTIFICATE (WITH DATA

The amount of Entry Fee .. £ 4 : 0 : 0 When applied for, 14-2-1940
 2/3^{ent} Special £ 43 : 17 : 6
 Donkey Boiler Fee £ : : When received, 11.3.1940
 Travelling Expenses (if any) £ : 18 : 6
FRI 28 APR 1940

W. Leicester
 Engineer Surveyor to Lloyd's Register of Shipping.

Committee's Minute
 Assigned

See Lth JE 20073



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