



**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.** *None.* ✓ **Cubic capacity of each** ✓ **Internal diameter** ✓ **thickness** ✓

Seamless, welded or riveted longitudinal joint ✓ Material ✓ Range of tensile strength ✓ Working pressure by Rules <sup>Actual</sup> ✓

**Starting Air Receivers, No.** *None* ✓ **Total cubic capacity** *15.0 cu. ft.* Internal diameter *18"* thickness *5/16"* Working pressure by Rules <sup>Actual</sup> ✓

Seamless, welded or riveted longitudinal joint *None* Material *Steel* Range of tensile strength *24/30* Working pressure by Rules <sup>Actual</sup> *39.5 lbs.*

**IS A DONKEY BOILER FITTED** *No.* ✓ If so, is a report now forwarded *Yes.*

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 *None.*

(If not, state date of approval)

Donkey boilers *None.* General pumping arrangements *Yes.* Pumping arrangements in machinery space *Yes.*

Oil fuel burning arrangements *None.*

Have Torsional Vibration characteristics been approved *Not known.* Date of approval ✓

#### SPARE GEAR.

Has the spare gear required by the Rules been supplied *Yes.* (For vessels engaged on short voyages)  
List attached hereto.

Note: - The only auxiliary or independent machine on board this vessel is a "WITTE DIESELECTRIC" generating set (Type 1200, Dime 3.25, Stroke 4.50) with attached generator (110-125 Volt, 21 AMP). Pending the decision of the Committee regarding the fitting, or otherwise, of independent pumps &c., a First Entry Report on the Technical Installation has not been prepared. It will be necessary to install new generators if extra power for pumps &c. is required.

The foregoing is a correct description, ✓ Manufacturer.

Dates of Survey while building	During progress of work in shops - - -	<i>Does not apply.</i>				
	During erection on board vessel - - -					
Total No. of visits ✓						
Dates of examination of principal parts—Cylinders ✓ Covers ✓ Pistons ✓ Rods ✓ Connecting rods ✓						
Crank shaft ✓	Flywheel shaft ✓	Thrust shaft ✓	Intermediate shafts ✓			Tube shaft ✓
Screw shaft ✓	Propeller ✓	Stern tube ✓	Engine seatings ✓			Engine holding down bolts ✓
Completion of fitting sea connections ✓ Completion of pumping arrangements ✓ Engines tried under working conditions ✓						
Crank shaft, material ✓	Identification mark ✓	Flywheel shaft, material, ✓				Identification mark ✓
Thrust shaft, material ✓	Identification mark ✓	Intermediate shafts, material ✓				Identification marks ✓
Tube shaft, material ✓	Identification mark ✓	Screw shaft, material <i>25/10/47</i>				Identification mark ✓
Identification marks on air receivers. <i>RETEST 790 LBS. 4/3/48. J. W.</i>						

Welded receivers, state Makers' Name. *Blackstone & Co. Ltd (or Contractors).*

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 *Hand extinguishers only.*

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

If the notation for ice strengthening is desired, state whether the requirements in this respect have been complied with *No.*

Is this machinery duplicate of a previous case *Not known.* If so, state name of vessel ✓

General Remarks (State quality of workmanship, opinions as to class, &c.) The machinery of this vessel has been generally examined and opened up only as far as required to verify particularly requirements for this report. (Secretary's letter 3/11/47) The air receivers have been opened, examined, cleaned and tested hydraulically to 790 lbs/in<sup>2</sup>. The screw shaft has been drawn out, examined and refitted. The oil retaining appliance has been overhauled. The machinery has been examined under running conditions, the pumps and pumping arrangements have been tested.

In my opinion, the machinery of this vessel is eligible to have the records of L.M.C. (with date as previously recommended) and T.S. (June) 10, 47 when all requirements for classification have been complied to the satisfaction of the Committee.

The amount of Entry Fee ... £ : *(See Report 9.)*  
Special ... \$120/- When applied for *21/5/48*  
Donkey Boiler Fee... When received *10/5/48*  
Travelling Expenses (if any) \$20/- FRI. 6 AUG 1948  
Committee's Minute  
Assigned See minute on Part 9

*John Wormald.*  
Engineering Surveyor to Lloyd's Register of Shipping.



Lloyd's Register  
Foundation