

AIR RECEIVERS:—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*

High Pressure 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 *28 m³* Internal diameter *1300 mm* thickness *26 mm*

Seamless, lap welded or riveted longitudinal joint *fusion welded* Material *O.H. Steel* Range of tensile strength *41-47 1/2* Working pressure *30 kg/cm²*

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 *6-3-36* Receivers *22-4-36* Separate Fuel Tanks *17-10-36*

Donkey Boilers *9-3-36 1-4-36* General Pumping Arrangements *✓* Pumping Arrangements in Machinery Space *29-8-36*

Oil Fuel Burning Arrangements *17-3-36*

SPARE GEAR.

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

State the principal additional spare gear supplied

1 crank throw without journals. 1 set of piston cooling water pipes. 2 top and 2 bottom end brasses. 24 thrust block pins. 1 piston complete with skirt. 2 piston crowns. 2 crosshead lub. oil pumps. 2 main bearing brasses. 1 cylinder liner. 1 cylinder cover without valves. 2 complete Archbold oil pumps. 1 armature with shaft for turn gear.

The foregoing is a correct description,

**FRIED. KRUPP
GERMANIAWERKE**

Manufacturer.

Dates of Survey while building
During progress of work in shops--
During erection on board vessel--
Total No. of visits *47*

Dates of Examination of principal parts—Cylinders *1-11-36* Covers *1-9-36* Pistons *1-12-36* Rods *1-12-36* Connecting rods *22-12-36*
Crank shaft *14-3-36* Flywheel shaft *1-4-36* Thrust shaft *14-3-36* Intermediate shafts *25-12-36* Tube shaft *✓*
Screw shaft *22-12-36* Propeller *22-12-36* Stern tube *2-8-36* Engine seatings *fitted on tank top* Engines holding down bolts *22-5-36*

Completion of fitting sea connections *2-1-37* Completion of pumping arrangements *25-2-37* Engines tried under working conditions *1-4-37*
Crank shaft, Material *O.H. Steel* Identification Mark *440305 / 2368-9 M. B. 247-36* Flywheel shaft, Material *O.H. Steel* Identification Mark *LL0805 / 2370 M. B. 247-36*
Thrust shaft, Material *O.H. Steel* Identification Mark *440305 / 2370 M. B. 247-36* Intermediate shafts, Material *O.H. Steel* Identification Marks *10984 B 24-10-36*
Tube shaft, Material *✓* Identification Mark *✓* Screw shaft, Material *O.H. Steel* Identification Mark *1092 H 20-10-36*

Is the flash point of the oil to be used over 150° F. *yes* Spares: *441 L.S. 24-11-36*

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 *barber* 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 *✓*

Is this machinery duplicate of a previous case *yes* If so, state name of vessel *"Narragansett" with a few exceptions.*

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

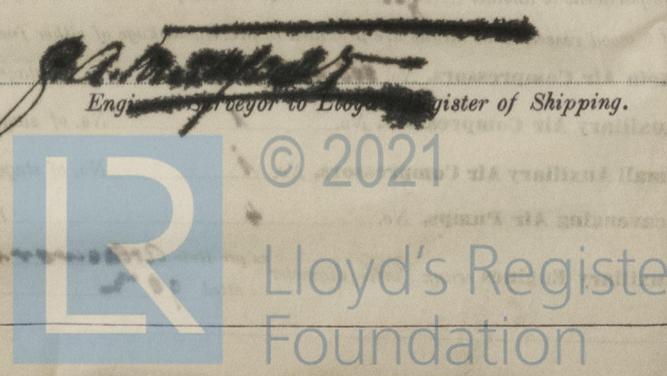
This heavy oil engine is constructed under special survey in accordance with the Society's Rules, as well as with the approved plans and instructions thereto. The materials used in the construction are of good quality and the outfit is ample. During the trial trip the machinery has given satisfaction under full working and manoeuvring conditions. In my opinion it is eligible for notation of

+LMC-4.37 (oil eng) and TS(CL)

The amount of Entry Fee *240 £ 120.00* When applied for, *9.4.1937*
Special ... *£ 241.20* When received, *21.4.15*
Donkey Boiler Fee ... *£ 304*
Travelling Expenses (if any) *£ 304*

Committee's Minute *21-30 APR 1937*

Assigned *+ Lamb H. 37*
3 DB 200 lb



Certificate (if required) to be sent to Naming Office.

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