

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 *✓*

Actual *✓*

Starting Air Receivers, No. *✓*

Total cubic capacity *✓*

Internal diameter *✓*

thickness *✓*

Seamless, lap welded or riveted longitudinal joint *✓*

Material *✓*

Range of tensile strength *✓*

Working pressure *✓*

by Rules *✓*

Actual *✓*

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 *heating coils in tanks*

PLANS. Are approved plans forwarded herewith for Shafting *13-5-30* Receivers *✓* Separate Fuel Tanks *25-4-30*

Donkey-Boilers *✓*

General Pumping Arrangements *13-5-30*

Pumping Arrangements in Machinery Space *13-5-30*

Oil Fuel Burning Arrangements *11-5-30*

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,

Manufacturer.

Dates of Survey while building
(During progress of work in shops--)
(During erection on board vessel--)
Total No. of visits *7*

24-30/6. 7-25/7. 17-24-25/8-30.

Dates of Examination of principal parts—Cylinders *✓* Covers *✓* Pistons *✓* Rods *✓* Connecting rods *✓*

Crank shaft *✓* Flywheel shaft *✓* Thrust shaft *✓* Intermediate shafts *✓* Tube shaft *✓*

Screw shaft *24-6-30* Propeller *30-6-30* Stern tube *24-6-30* Engine seatings *30-6-30* Engines holding down bolts *25-7-30*

Completion of fitting sea connections *30-6-30* Completion of pumping arrangements *25-8-30* Engines tried under working conditions *25-8-30*

Crank shaft, Material *✓* Identification Mark *✓* Flywheel shaft, Material *✓* Identification Mark *✓*

Thrust shaft, Material *SM steel* Identification Mark *45/2055* Intermediate shafts, Material *SM steel* Identification Marks *FFW 25-5-30*

Tube shaft, Material *✓* Identification Mark *✓* Screw shaft, Material *SM steel* Identification Mark *FFW 24-30*

Identification Marks on Air Receivers *20, 1051 - 1052.*

*Royds test 60 H.P.
W.P. 30 H.P.
H.K. 20-1-30.*

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 *"Obor."*

General Remarks (State quality of workmanship, opinions as to class, &c. *The machinery has been made and fitted in accordance with the approved plans, Secretary's Letters and Society's Rules. Main and auxiliary engines and centrifugal pumps have been tested under full working condition and was found working and manoeuvring satisfactorily and in my opinion eligible for the record of + L.M.C. 8-38. Oil engines.*

The donkey boiler safety valves, 2 spring loaded, fitted with lifting gear have been adjusted under steam to 100 H.P. Thickness washers, N. 1. 16 7/8 N. 2. 16 1/2 in.

The amount of Entry Fee .. £ *on Secondary* : When applied for, *13.9 1938*
Special £ *refat.* :
Donkey Boiler Fee £ :
Travelling Expenses (if any) £ *14.50* : When received, *4/10 1938*

Committee's Minute

Assigned *+ Lmc 8.38*

DB - 100 lb

W.H. Bourne
Engineer Surveyor to Lloyd's Register of Shipping.



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Lloyd's Register Foundation

Rpt. 4b. Comm. 6847
Date of writing
No. in Survey Reg. Book.
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Engines made
Donkey Boiler
Brake Horse
Nom. Horse
Trade for w
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(Certificate (if required) to be sent to
(The Surveyors are requested not to write on or below the space for Committee's Minute.)