





AIR RECEIVERS:—Have they been made under survey.

Is each receiver, which can be isolated, fitted with a safety valve as per Rule

Can the internal surfaces of the receivers be examined and cleaned

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.

Two.

Total cubic capacity 280 cu ft.

Internal diameter 4'-6"

thickness 1 1/4"

Seamless, lap welded or riveted longitudinal joint

Riveted

Material M. Steel

Range of tensile strength 28/32

Working pressure by Rules

Actual 600 lbs/sq. in.

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

(If not, state date of approval)

Receivers

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

1. 1. Propeller, 1 Screw Shaft, 1 upper & 1 lower Piston Skirt, 1 Spherical bearing for side & centre connecting rod both ends, 2 Centre & 2 Side Conn. rod top end bearings, 1 Cylo. bearing for complete, 1 manipulator head & 10 rings, 2 Side & centre top & bottom end conn. rod bearing both ends, 1 Set. Camshaft 2 Back & 2 Donkey valves complete, 8 Spring flaps, 1 N.R. Starting air valve, 1 Cylo. relief valve, 4 Scavenger pipes 1/2 dia., 1 Fuel pump body complete with 1/2 dia. shaft, full camshaft & valves, 3 pads for middle bearing as built 1 Set. pads for thrust, 1 Set. of valves & springs for liquid end of all liquid & main Eng. pumps, one complete roller chain for camshaft drive.

The foregoing is a correct description.

WILLIAM DOXFORD & SONS, Limited.

Wm. H. Foxellie

Manufacturer.

Director.

Dates of Survey while building

During progress of work in shops--

During erection on board vessel--

Total No. of visits

17.3.43. 17.4.43. 17.5.43. 4.5.10.12 June 15.16.23.30. July 2.14.16.23

Dates of Examination of principal parts—Cylinders

(See Sld. Rpt. N° 33423)

Crank shaft

Flywheel shaft

Thrust shaft

Intermediate shafts

Connecting rods

Screw shaft

Propeller

Stern tube

Engine sealings

Engines 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

Identification Mark

Identification Marks on Air Receivers

N° 21428

N.M.

K.15 1/4 / 5.

24/5/43

N° 12418 = 8 1/2, 8 1/2

N.H.F. 9/1

N° 12418 = 8 1/2

N.H.F. 16/1

Is the flash point of the oil to be used over 150° F.

Have the requirements of the Rules for oil fuel pipes and tank fittings been complied with

Description of fire extinguishing apparatus fitted

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

Is this machinery duplicate of a previous case

If so, state name of vessel

General Remarks

(State quality of workmanship, opinions as to class, etc.)

Further to Sld. Rpt. N° 33423 this machinery

has now been shipped on board the vessel & holding down bolts & chocks fitted to outer flange of bedplate. Donkey boiler shipped & secured. So complete the machinery survey the remainder of the main engine holding down bolts & chocks require to be fitted. The shaft alignment checked, pumping arrangement completed & tested, donkey boiler fitted for oil fuel & safety valves adjusted to working pressure, main & aux mach tried under working conditions.

On the satisfactory completion of the foregoing together with the remaining requirements of the Specification the machinery will be eligible to run open to have notation 200 L.M.C. (oil Eng.) with date, T.S. (CL) DB 180 lbs/sq. in. The vessel has been towed back to Blyth for completion.

The amount of Entry Fee

£ 33 : 12 : 6

When applied for,

Specification

£ 8 : 8 : 0

26 JUL 1943

Donkey Boiler Fee

£ :

When received,

Travelling Expenses (if any)

£ :

19

Committee's Minute

TUES. 28 MAR 1944

Assigned

See Nwc 101858

H. J. Fraser.

Engineer Surveyor to Lloyd's Register of Shipping.

This machinery has now been satisfactorily fitted out, tried under working conditions & found satisfactory.

John T. Imley.

Lloyd's Register

Foundation

SUNDERLAND.

(The Surveyor is requested not to write on or below this space for Committee's Minute.)