

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

Is a drain fitted at the lowest part of each receiver

Internal diameter

thickness

Range of tensile strength

Working pressure by Rules

Actual

Starting Air Receivers, No.

Total cubic capacity

Internal diameter

thickness

Range of tensile strength

Working pressure by Rules

Actual

IS A DONKEY BOILER FITTED, *yes.*

Is the donkey boiler intended to be used for domestic purposes only *no.*

If so, is a report now forwarded? *See Mux Report 10036 4 Dec. 1944.*

PLANS. Are approved plans forwarded herewith for Shafting -
(If not, state date of approval)

Donkey Boilers -

General Pumping Arrangements -

Receivers -

Separate Fuel Tanks -

Oil Fuel Burning Arrangements *10.5.43. (Drawing 109608)*

Pumping Arrangements in Machinery Space *yes.*

SPARE GEAR.

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

State the principal additional spare gear supplied *See Sunderland Report 33753.*

*The report
is incorrect
not the Boiler
is the Machinery
No. 1436
Sull 12.41*

The foregoing is a correct description.

Manufacturer.

Dates of Survey while building
During progress of work on ship
During erection on board vessel - -
Total No. of visits

Approx. 20.

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 *19-1-44.*

Stern tube *-19-5-43.*

Engine seatings *15-6-43.*

Engines holding down bolts *21-1-44*

Completion of fitting sea connections *14-12-43*

Completion of pumping arrangements *27-1-44*

Engines tried under working conditions *27-1-44*

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 - *No. 21428*

*W.M. No 1574/5
27/5/43.*

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 *Steam smothering led to underside of boiler machinery. Controlled from upper deck. Portable foam extinguishers.*

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 -

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 - If so, state name of vessel -

General Remarks (State quality of workmanship, opinions as to class, &c. *(See also Sunderland Report 33753)*
This machinery has now been satisfactorily installed under special survey in accordance with approved plans, Society Rules and Secretary's letters. The outstanding items mentioned in Sunderland Rpt 33753 having been satisfactorily completed. Donkey Boiler (Mux Report 10036 4 Dec 41) safety valve adjusted under steam to 180 lbs. Steam pipes, valves and fittings tested by hydraulic pressure to Rule Requirements and found satisfactory.

The materials and workmanship are good. All main and auxiliary machinery tried under working conditions and found satisfactory.

This machinery is now, in my opinion eligible for notations + L.M.C (oil engine) 1-44, +NE 1-44 TS(CL) NEW 1-44 and NDB 1-44. 180 lbs WP. (fitted for oil fuel FP above 150°F).

The amount of Entry Fee	£	When applied for,
Special	£	19
Donkey Boiler Fee	£	When received,
Travelling Expenses (if any)	£	19

John Smiley. S.H. Forster.
Engineer Surveyor to Lloyd's Register of Shipping

Committee's Minute *TUES. 28 MAR 1944.*

Assigned *+ LMC 2.1.4*