

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 None fitted 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. 2

Total cubic capacity

1600 litres

Internal diameter

650 mm

thickness

14 mm

Seamless, lap welded or riveted longitudinal joint Riveted

Material

S.H. Steel

Range of tensile strength

44-50 kg/cm²

Working pressure by Rules

Actual 25 kg/cm²

IS A DONKEY BOILER FITTED?

If so, is a report now forwarded?

Is the donkey boiler intended to be used for domestic purposes only

PLANS. Are approved plans forwarded herewith for Shafting E. 23/12/36

(If not, state date of approval)

Receivers E 10/9/35

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

State the principal additional spare gear supplied

As per enclosed list. The spare gear has been examined before it was despatched.

The additional water circulating pump and the daily fuel supply pump will be delivered by the Ship Builders.

The foregoing is a correct description,

AKTIEBOLAGET ATLAS DIESEL

G. Jacobsson

W. J. Jacobsson

Manufacturer.

Dates of Survey while building
During progress of work in shops-- 18. 3. 36; 7. 30. 7. 19. 27. 7. 11. 13. 25. 2. 14. 37.
During erection on board vessel-- 11. 12. 4. 5. 6. 11. 12.
Total No. of visits 13 in shop

Dates of Examination of principal parts—Cylinders 2/12/37 Covers 2/12/37 Pistons 2/12/37 Rods 7. 30. 27. 11.
Crank shaft 19. 7. 2. 37 5. 6. 10 37 15. 3. 36. 2. 37 Thrust shaft 7. 7. 4. 37 Intermediate shafts 4. 5. 12 Tube shaft 4. 5. 6. 11.
Screw shaft 11. 2. 12 Propeller 11. 2. 12 Stern tube 4. 5. 12 Engine seatings 4. 5. 12 Engines holding down bolts 4. 5. 12

Completion of fitting sea connections. Completion of pumping arrangements. Engines tried under working conditions 25/11/37.
Crank shaft, Material S.H. Steel. Identification Mark LLOYDS No 7027 7.B. 7. 6. 37. Sea air pump
Thrust shaft, Material S.H. Steel. Identification Mark LLOYDS No 6984. 7.B. 7. 5. 37. Elbow shaft, Material S.H. Steel Identification Mark LLOYDS No 6830
Tube shaft, Material Identification Mark 7.B. 9. 12. 36 Intermediate shafts, Material Identification Mark 7.B. 9. 12. 36
Screw shaft, Material Identification Mark

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
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 Please see Shw. Rpt. No 4579.

General Remarks (State quality of workmanship, opinions as to class, &c.)
We are of opinion that this engine is of superior material and workmanship, and as it has been designed and constructed under special survey, we have respectfully to submit that it be classed +L.M.C. as soon as it has been installed into Messrs. O.Y. Crichton. Valsar A.B., of Abo, No. 747, to the satisfaction of the Society's Surveyors.

The amount of Entry Fee ... £ : : When applied for,
Special ... sk. 5.95.- : : 19
Donkey Boiler Fee ... £ : :
Travelling Expenses (if any) sk. 2.20 : :
When received, paid June 27. 1938 : : 19

R. J. Anderson
Engineer Surveyor to Lloyd's Register of Shipping.

Committee's Minute FRI 6 MAY 1938
Assigned see Rpt 1511

