

AIR RECEIVERS:—Have they been made under survey..... Yes
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
Injection Air Receivers, No. None 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. Two Total cubic capacity 32 Cubic Feet Internal diameter 22" thickness 5/16"
Seamless, lap welded or riveted longitudinal joint..... Material Mild Steel Range of tensile strength 28-32 tons Working pressure.....
by Rules..... Actual.....
250

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..... Receivers..... Separate Fuel Tanks.....
(If not, state date of approval) 23rd Dec. 1948 New York.
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.....

The foregoing is a correct description

General Metals Corporation, Enterprise Division..... Manufacturer.

Dates of Survey while building { During progress of work in shops - 15th Dec. 1951; 7th, 28th March; 7th, 8th, 9th April; 2nd, 5th and 6th May 1952
During erection on board vessel - - -
Total No. of visits.....
Dates of Examination of principal parts—Cylinders 8 April Covers 8 Apr. Pistons 8 Apr Rods - Connecting rods 15 Dec. 28 Mar. 8 Apr.
Crank shaft 9 April Flywheel shaft - Thrust shaft - Intermediate shafts - Tube shaft -
Screw shaft - Propeller - Stern tube - Engine seatings - Engines holding down bolts 5th and 6 May 1952
Completion of fitting sea connections - Completion of pumping arrangements - Engines tried under working conditions -
Crank shaft, Material Forged Steel Identification Mark 2053 Lloyd's Test EM 2053 9 Apr. 52 Flywheel shaft, Material - Identification Mark -
Thrust shaft, Material Forged Steel Identification Mark Lloyd's Test EM 2056 7 Apr. 52 Intermediate shafts, Material - Identification Marks -
Tube shaft, Material - Identification Mark - Screw shaft, Material - Identification Mark -
Identification Marks on Air Receivers -

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.....
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 previous case..... Similar engine previously classed.....

General Remarks (State quality of workmanship, opinions as to class, &c. This Diesel engine has been build under Special Survey. The crankshaft, thrust shaft and coupling have been examined and tested as required by the Rules. The castings and all component parts have been examined and tested. The Workmanship throughout is satisfactory and the materials used are good. The engine has been tried on the test bed at full load for eight hours; full load astern for one hour also manoeuvring and governing trials carried out. The working parts of the engine were subsequently examined and found in good order. Particularly of propeller and intermediate shafting have not yet been supplied to the engine Builders consequently the torsional vibration characteristics have not been investigated. This Diesel Engine is in satisfactory condition and, in my opinion, may be favourably considered by the Committee for fitting in vessel to be classed with LLOYD'S REGISTER OF SHIPPING and on the satisfactory completion of the installation and investigation of the torsional vibration characteristics, the vessel may be eligible for record & L.M.C. with date in the Register Book.

The amount of Entry Fee	£	:	:	When applied for,
Special	200.00	:	:	13 June 1952
Donkey Boiler Fee	£	:	:	When received,
Travelling Expenses (if any)	£	10.00	:	19

E. H. Gault
Engineer Surveyor to Lloyd's Register of Shipping.

Committee's Minute
Assigned
NEW YORK JUN 23 1952
transmit to London

