



**AIR RECEIVERS:**—Have they been made under survey yes State No. of report or certificate M-3821  
 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, welded or riveted longitudinal joint — Material — Range of tensile strength — Working pressure —  
**Starting Air Receivers, No.** 2 Total cubic capacity 13 M<sup>3</sup> x 2 Internal diameter 1720 mm thickness 24 mm  
 Seamless, welded or riveted longitudinal joint Riveted Material O.H. steel Range of tensile strength 28.2-32.9 T<sub>0</sub> Working pressure —  
 by Rules 25.4 kg/cm<sup>2</sup>  
 Actual 25 kg/cm<sup>2</sup>  
**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 yes  
**PLANS.** Are approved plans forwarded herewith for shafting 1-5-51 Receivers 29-3-51 Separate fuel tanks 17-7-51  
 (If not, state date of approval)  
 Donkey boilers 23-5-51 General pumping arrangements 12-5-51 Pumping arrangements in machinery space 12-5-51  
 Oil fuel burning arrangements 18-5-51  
 Have Torsional Vibration characteristics been approved yes Date of approval 24-8-51

**SPARE GEAR.**

Has the spare gear required by the Rules been supplied yes  
 State the principal additional spare gear supplied 8 Exhaust valves, 16 fuel oil valves, 1 starting air valve, 2 safety valves, 8 indicator valves, 8 fuel needle valves, 8 sets piston rings, 2 telescopic cooling pipes, 1 blower chain complete, 2 sets bolts & nuts for crosshead bearings, 1 cylinder jacket, 9 exhaust valve spindles, 1 set main bearings, 1 set thrust bearings.

MITSUI SHIPBUILDING & ENGINEERING CO., LTD., TAMANO WORKS.

M. Tanaka  
 Senior Managing Director.

The foregoing is a correct description,

Manufacturer.

Dates of Survey while building  
 During progress of work in shops — 1950 - MAY. 8, 16, 28, 29, 30, SEP. 4, 8, 18, OCT. 7, 8, 19, 23, 27, 30, NOV. 2, 7, 11, 14, 17, 21, 24, 28, DEC. 7, 8, 13, 20, 23, 29.  
 1951 - JAN. 16, 27, FEB. 3, 9, 12, 15, 20, 26, MAR. 6, 9, 13, 15, 19, 23, 30, APR. 3, 6, 14, 24, 27, MAY. 2, 5, 7, 14, 18, 22, 25, JUN. 1, 4, 9, 12, 13, 15, 19, 22, 27, JUL. 3, 4, 10, 17, 20, 23, 24, AUG. 2, 7, 11, 14, 22, 25, 31, SEP. 6, 8, 26.  
 During erection on board vessel — 1951 - JUL. 27, AUG. 24, SEP. 10, 23.  
 Total No. of visits 82

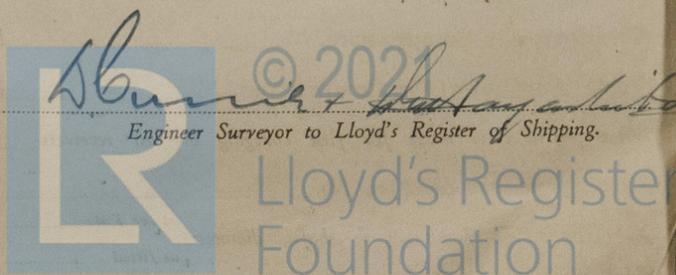
Dates of examination of principal parts — Cylinders 14-4-51 Covers 6-4-51 pistons 25-5-51 Rods 25-5-51 Connecting rods 22-5-51  
 Crank shaft 30-3-51 Flywheel shaft — Thrust shaft 30-3-51 Intermediate shafts 23-7-51 Tube shaft —  
 Screw shaft 13-6-51 Propeller 8-9-51 Stern tube 27-6-51 Engine seatings 25-8-51 Engine holding down bolts 25-8-21  
 Completion of fitting sea connections 4-7-51 Completion of pumping arrangements 23-9-51 Engines tried under working conditions 23-9-51  
 Crank shaft, material O.H. steel Identification mark K-CK175 H1R Flywheel shaft, material, — Identification mark —  
 Thrust shaft, material O.H. steel Identification mark K-F 772 H1R Intermediate shafts, material O.H. steel Identification marks Y1671 A, B, C, D, E  
 Y1672 M1R  
 Tube shaft, material — Identification mark — Screw shaft, material O.H. steel Identification mark K-F844 M8R  
 Identification marks on air receivers LLOYD'S NO. AR182 W.P. 25 kg/cm<sup>2</sup> W.T.P. 39.1 kg/cm<sup>2</sup> Mid R 20-7-51.  
LLOYD'S NO. AR183 W.P. 25 kg/cm<sup>2</sup> W.T.P. 39.1 kg/cm<sup>2</sup> Mid R 20-7-51.

Welded receivers, state Makers' Name —  
 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 yes  
 Description of fire extinguishing apparatus fitted CO<sub>2</sub> gas piping in each hold & engine room from CO<sub>2</sub> bottle room, placed in upper Tween Deck, Steam piping in engine  
 Is the vessel (not being an oil tanker) fitted for carrying oil as cargo yes If so, have the requirements of the Rules been complied with yes  
 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 M.V. "GERD MAERSK"

**General Remarks** (State quality of workmanship, opinions as to class, &c.)

The machinery of this vessel has been constructed under Special Survey in accordance with the Rules, approved plans and Secretary's letters.  
 The materials and workmanship are sound and good.  
 The machinery was examined under working condition during shop trial and comprehensive sea trials and found satisfactory.  
 In our opinion this machinery is worthy to have a record of + L.M.C. 9-51, T.S. (C.L) 9-51, D.B. 9-51 W.P. 7 kg/cm<sup>2</sup>.

The amount of Entry Fee ... £ 202.00  
 Special ... £ : :  
 Donkey Boiler Fee... £ : :  
 Travelling Expenses (if any) £ : :  
 When applied for... 19  
 When received... 19



Committee's Minute  
 Assigned + LMC 9.51 Oil Eng  
C.L. DB 1001B

FRI. 18 APR 1952

Certificate (if required) to be sent to the Surveyors as requested not to write on or below the space for Committee's Minute.