

No. 34
MAY 1952

13 MAY 1952

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AIR RECEIVERS:—Have they been made under survey Yes State No. of report or certificate R. dan. C. 1

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 main + 1 aux Total cubic capacity 40 m³ + 350 lbs Internal diameter 2.000 m. m. thickness 26 m. m.

Seamless, welded or riveted longitudinal joint Riveted Material S.M. steel Range of tensile strength Shell 49/55 kg/cm² Working pressure Ends 41/47 kg/cm²

IS A DONKEY BOILER FITTED 2 donkey blos If so, is a report now forwarded Yes

Is the donkey boiler intended to be used for domestic purposes only Cargo pumping, heating, lighting, ballast pumping, windlass

PLANS. Are approved plans forwarded herewith for shafting 15/12/48 - 8/7/49 Receivers 12/7/48 Separate fuel —

Donkey boilers 30/9/48 General pumping arrangements 7/10/48 - 29/3/49 Pumping arrangements in machinery space 7/10/48

Oil fuel burning arrangements 29/3/49

Have Torsional Vibration characteristics been approved Yes Date of approval By E. letters 16/12/48

SPARE GEAR.

Has the spare gear required by the Rules been supplied Yes

State the principal additional spare gear supplied Spare screwshaft.

Description of fire extinguishing apparatus fitted: One foam generator cap 4500 lbs/min with 2 nozzles in engine room & donkey boiler room. One foam extinguisher of 136 lbs. 4 C.O₂ 2200 lbs. each of 2 gallons each. 2 Pyrene guns near switchboards. Steam smothering system in donkey boiler.

The foregoing is a correct description.

MANUFACTURER'S NAME
W. J. B. van der Meer

Dates of Survey while building
During progress of work in shops 1950: Jan 13, 18, 20, 24. - Feb 7. - March 1, 24. April 14, 25. May 3, 17, 19, 25. June 9, 21. July 24. Aug 11. Sept 7. Oct 10, 18. Nov 6, 17, 24. 1951: Jan 11. Feb 1, 6, 7, 9, 12, 13, 21, 23, 26, 27, 28. March 12, 14, 22, 24. April 5, 13, 18, 20, 27, 30. May 1, 7, 8, 10, 16, 22, 29. June 2, 5, 12, 19, 26. July 6, 10, 27, 30. Aug 3. Sept 4. Oct 1, 10, 31. Nov 12, 24, 26. Dec 4.
During erection on board vessel 1951: Aug 23, 27. Sept 4, 5, 7. Oct 3. Nov 1, 3, 15. Dec 4, 12, 13.
1952: Jan 3, 11, 14, 15, 16, 18, 22, 24.
Total No. of visits 16

Dates of examination of principal parts—Cylinders 20-4-51 Covers 1-5-51 Pistons 1-5-51 Rods 1-5-51 Connecting rods 1-5-51

Crank shaft 22-12-50 Flywheel shaft — Thrust shaft 1-11-50 Intermediate shafts 4-9-51 Tube shaft —

Screw shaft 10-10-50 Propeller 26-4-51 Stern tube 5-9-51 Engine seatings 7-9-51 Engine holding down bolts —

Completion of fitting sea connections 7-9-51 Completion of pumping arrangements 3-1-52 Engines tried under working conditions 14-1-52

Crank shaft, material S.M. steel Identification mark Prod. LLOYD'S 8125.95.22-12-50 Flywheel shaft, material — Identification mark —

Thrust shaft, material S.M. steel Identification mark Prod. LLOYD'S 8129.9.3.27-12-50 Intermediate shafts, material S.M. steel Identification mark 3-LLOYD'S 221814

Tube shaft, material — Identification mark — Screw shaft, material S.M. steel Identification mark LLOYD'S 221814

Identification marks on air receivers 1-36X-368. LLOYD'S TEST. 39 kg/cm². WP 25 kg/cm². EMD. 20-11-50.

Welded receivers, state Makers' Name —

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 Please see above

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 Not desired.

Is this machinery duplicate of a previous case Yes If so, state name of vessel M.V. "Director Madaniaga".

General Remarks (State quality of workmanship, opinions as to class, &c. The machinery has been constructed in accordance with the Society's Rules, Secretary's letters and the approved plans of materials tested as required and has been satisfactorily fitted in the vessel. The workmanship is throughout good. A notice board has been fitted at the control station stating that the engines are not to be operated continuously between 51 and 62 RPM and engine tachometers marked accordingly. The machinery has been tried under full working condition and was found in good working and maneuvering order and is opinion eligible to be recorded in the Society's Register Book with + LMC 1-52.

The amount of Entry Fee £ 56.10

Special Weldings £ 75.5 When applied for 10/11 1952

Donkey Boiler Fee £ — When received 20/11 1952

Travelling Expenses (if any) £ 95.-

Committee's Minute FRI. 13 JUN 1952

Assigned + LMC 3.52 Oil Eng. (with torsional enclosures)

C.L. 2 WTD 130 lb 2 DB 180 lb.

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