Rpt. 9.

No. 14678.

Report of Survey for Repairs, &c., of Engines and Boilers.

(Received at London Office MAR 14 1941)

Date of writing Report 7. 3 1941 When handed in at Local Office 11. 3. 1941 Port of BRISTOL.

No. in Reg. Book. 76406. Survey held at AVONMOUTH Date, First Survey 10. 2. 41 Last Survey 5. 3. 1941 (No. of Visits 4.)

on the Machinery of the ~~Wood, Iron or~~ Steel " INVERSUIR. "

Tonnage { Gross 9456. Net 5561.

Nominal Horse Power 997.

No. of Main Boilers ✓

No. of Donkey Boilers 2 DB (WT) 1 DB

Steam Pressure— in Main Boilers ✓ in Donkey Boilers 180 lbs.

Vessel built at HAMBURG. By whom DEUTSCHE WERFT. A.G. BET. FINKENWRDER. When 1938. 11. (Year. Month.)

Engines made at AUGSBURG. By whom MASCHINENFABK. AUGSBURG-NURNBURG A.G. When 1938.

Boilers, when made (Main) ✓ (Donkey) 1938.

Owners INVER TANKERS, Ltd. Owners' Address ✓ (if not already recorded in Appendix to Register Book.)

Managers A. WEIR & Co., Port GLASGOW. Voyage ✓

Surveyed Afloat or in Dry Dock Royal Edward D. Dock (State name of Dock.)

Particulars of Classification (which must be inserted precisely as in Register Book & Supplements).

CHARACTER. ✠ for Special Survey Date of last Survey and of Periodical Surveys.	Years assigned now expired.	Machinery and Boiler Surveys (including date of N.B., if any).
✠ 100 A1. 6,40.		✠ LMC 11,38
		T.S.C.H.
		OIL ENGINES.
		CARRYING PETROLEUM IN BULK.

Last Report No. Port

Particulars of Examination and Repairs (if any) Comp. of LMC(M) DOCKING.

(Periodical Surveys, when held, must be reported in detail and seriatim in the terms of the Rules. State clearly the cause of Repairs, if any, and, in detail, the nature and extent of Examinations and subsequent Repairs. Repairs on account of Damage (the cause of which must be stated) should be separated from Repairs due to other causes; and besides being detailed in the body of the report, should be briefly summarised at the end of the report. State also the dates and initials of any letters respecting this case.

In damage cases where the Surveyor has not made a special damage report he is required to state whether he offered his services for this purpose, and why they were declined ✓

Was a damage report made by anyone else? If so, by whom? ✓

Did the Surveyor personally go inside each Main Boiler separately and make a thorough examination at this time? ✓

" " Donkey " " " ✓

If this was not done, state for what reasons? DBS. not due

SEE SPL. NOTE (La Mont W.T.D.B.)

And what parts of the Boilers could not be thus thoroughly examined? ✓

Also what special means, in the absence of internal examination, were adopted by the Surveyor to assure himself of the thorough efficiency of those parts of each Boiler? ✓

State latest date of internal examination of each boiler ✓ Present condition of funnel(s) ✓

Did the Surveyor examine the Safety Valves of the Main Boiler? ✓ To what pressure were they afterwards adjusted under steam? ✓

Did the Surveyor examine the Safety Valves of Donkey Boiler? ✓ To what pressure were they afterwards adjusted under steam? ✓

Did the Surveyor examine all the manholes, doors and their fastenings of the Main Boilers? ✓, and of the Donkey Boilers? ✓

Did the Surveyor examine the drain plugs of the Main Boilers? ✓, and of the Donkey Boilers? ✓

Did the Surveyor examine all the mountings of the Main Boilers? ✓, and of the Donkey Boilers? ✓

Has screw shaft now been drawn and examined? No Is it fitted with continuous liner? Is an approved appliance fitted at the after end of the shaft to permit of it being efficiently lubricated? ✓

Has shaft now been changed? ✓ If so, state reasons ✓

Has the shaft now fitted been previously used? ✓ Has it a continuous liner? Is an approved appliance fitted at the after end of the shaft to permit of it being efficiently lubricated? ✓

State date of examination of Screw Shaft ✓ State the distance between lignum vitæ ~~or bearing metal~~ of stern bush and top of after bearing of screw shaft 1/16"

Engine parts, when referred to by numbers, should be counted from forward. Is electric light and/or power fitted? ✓

If so, did the Surveyor examine the generators, motors, switchgear, cables and fuses? ✓

Has the insulation resistance of the generators, circuits and apparatus been tested and found to be not less than 100,000 ohms.? ✓

If the Survey is not complete, state what arrangements have been made for its completion and what remains to be done Complete.

For commencement of the LMC(M) survey see Bristol Rpt. No. 14616.

NOW DONE FOR Completion of LMC(M):- The following machinery parts opened up & examined - Main Engine - Nos 4 & 8 crank pins & bottom end bearings. Nos 4, 5, 8 & 9 crank journals & main bearings. No. 2 intermediate shaft journal. Starting air receivers (2) internally. Examined as far as practicable, aux. air compressors (2). Circulating pumps & lubricating oil pumps and these were subsequently examined under working conditions.

DOCKING:- Vessel placed in dry dock. Examined propeller, aft. end of stern bush and fastenings of all underwater connections. All found & placed in good condition.

General Observations, Opinion, and Recommendation:—

(State clearly what alteration, if any, is suggested to be made in the existing classification of the vessel's machinery in the Register Book, consequent upon this survey, and also any alteration required to be made in the records of the vessel's machinery, boilers, working pressures, &c.; thus, for example, B.S. 9,11, B.&M.S. 9,11, ✠ L.M.C. 9,11, or ✠LMC 140 lb., F.D., &c.) OS 3,34,

The machinery of this vessel is in good condition so far as now seen and eligible in my opinion to remain as classed with fresh record ✠ LMC.(M) 3.41.

Survey Fee (per Section 29) Comp. LMC(M) £ 7 : 0 : 0 (4.)

Special Damage or Repair Fee (if any) (per Section 29.) £ :

Travelling expenses (if chargeable) £ : 4 : 0

Fees applied for ..... 19....

Received by me, ... 19....

FRI. 28 MAR 1941

Committee's Minute

Assigned + Lmc. (M) 12.40

W. H. Campbell

Engineer Surveyor to Lloyd's Register of Shipping.

W1196-0026

Insert Character of Ship and Machinery precisely as in the Register Book

Is a Certificate required? If so, to be sent to

If so, is the Report sent now, or when will it be sent?

Is Surveyor aware that no fee is payable if the report is not sent within a month?

Mod Survey
completed.

Tolls (£) 12.40.

EDM

? Fees.
Free fee is £7.
£7 charged now 26/9/41.
£3 on 5.10