.8 Rpt. 9.

No. 109405.

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

(Received at London Office AUG 18 1937)

Date of writing Report 13th August 1937. When handed in at Local Office 14 AUG 1937 Port of LIVERPOOL

No. in Book. 1896. Survey held at Fleetwood. Date, First Survey 28th July Last Survey 10th August 1937. (No. of Visits 4.)

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

Tonnage { Gross 289. Net 115.

Nominal Horse Power { 67 R.

No. of Main Boilers 1 S.B.

No. of Donkey Boilers ✓

Steam Pressure— In Main Boilers 180 lbs

In Donkey Boilers ✓

Vessel built at Middlesbro' By whom Smiths Dock Co Ltd When 1916.

Engines made at do. By whom do. When 1916.

Boilers, when made (Main) 1916. (Donkey) ✓

Owners Boston Deep Sea Fishing and Ice Co Ltd. Owners' Address (if not already recorded in Appendix to Register Book.)

Managers B. A. Parkes. Port Fleetwood. Voyage Trawling

If Surveyed Afloat or in Dry Dock (State name of Dock.)

Last Report No. Port

## Particulars of Examination and Repairs (if any) Port LMC.

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? Yes.

" " " Donkey " " " ✓

If this was not done, state for what reasons? ✓

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

By 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? ✓

The latest date of internal examination of each boiler 6/8/37. Present condition of funnel(s) Good.

Did the Surveyor examine the Safety Valves of the Main Boiler? Yes. To what pressure were they afterwards adjusted under steam? 180 lbs ☐"

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? Yes, and of the Donkey Boilers? ✓

Did the Surveyor examine the drain plugs of the Main Boilers? None, and of the Donkey Boiler? ✓

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

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 ✓

Is 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 1/8"

Is electric light and/or power fitted? —

*Engine parts, when referred to by numbers, should be counted from forward.*

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

Last docked for L.M.C.:— Vessel placed on Slipway: propeller and underwater fastenings examined: were dress as above. Examined main engine cylinders, pistons, valves & valve chambers, air pump & Condenser (tested)

Boiler & other repairs:— MP piston rod skimmed & retubed. All condenser tubes drawn & cleaned, 115 renewed and all refastened

SB. Main boiler examined internally and externally with its Safety valves, doors and mountings and its Safety Valves adjusted under steam as above. Donkey Collision check renewed. Circulating pump boiler stop valve chest (bronze) renewed, cheer satisfactorily tested to 400 lbs ☐" hydraulic pressure. Sundry other repairs carried out.

To complete the L.M.C. the following require to be examined:— Crank & thrust Shafts, Sea connections, all pumps (except air pump) and pumping arrangement, steam pipes & electric lighting installation. It was stated that this will be done as convenient within the year of grace allowed by the Rule.

## 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.)

CS 3,34,

The machinery of this vessel as far as now seen is in safe working condition and, in my opinion is eligible to remain as classed and to have fresh record of Survey ✠LMC 8.37 when the Survey has been completed as above. ✠BS 8.37 now

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|---|---|---|
| Survey Fee (per Section 29) free | £ 5 : 0 : 0 | Fees applied for 16 AUG 1937 19 37 Mch |
| Special Damage or Repair Fee (if any) (per Section 29.) | £ : : | Received by me, 20/10 19 37 mch 22/10 |
| Travelling expenses (if chargeable) | £ : : | |

Committee's Minute LIVERPOOL 17 AUG 1937

Signed B.S. 8:37.

M.S. Defd for comp.

Engineer Surveyor to Lloyd's Register of Shipping.

THE SURVEYORS ARE REQUESTED NOT TO WRITE ACROSS THIS MARGIN.

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

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

WS32-0070

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Note from Dr No 2
B Shield

Ernst
19.8.37

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