Rpt. 9.

No. 69621

REPORT OF SURVEY FOR REPAIRS, &c., OF ENGINES AND BOILERS

(Received at London Office 30 MAY 1945)

Date of writing Report 24th May 1945 When handed in at Local Office 28. 5. 1945 Port of Glasgow

No. in Reg. Book. Survey held at Glasgow Date. First Survey 2nd May 1945 Last Survey 21st May 1945 (No. of Visits 3)

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

Tonnage: Gross 278, Net 99

Nominal Horse Power 90

No. of Main Boilers 1

No. of Donkey Boilers —

Steam Pressure — in Main Boilers 180, in Donkey Boilers —

Vessel built at Lytham By whom Lytham SB & E Co Ld When (Year. Month.) 1942 - 7

Engines made at " By whom " When 1942

Boilers, when made (Main) 1942 (Donkey) —

Owners The Admiralty Owners' Address — (if not already recorded in Appendix to Register Book.)

Managers — Port London Voyage

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

Last Report No. Port

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		+ LMC 7.42
For Admiralty		TS OG
tender services		
~~Not in Register Book~~		
8.43		
(Water tanker)		

Particulars of Examination and Repairs (if any) Boiler Damage & 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 yes, not required

Was a damage report made by anyone else? If so, by whom? no

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

" " Donkey " " " ✓

If not, state for what reasons ✓ What parts of the Boilers could not be thus thoroughly examined? ✓

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 2-5-45 Present condition of funnel(s) Good

Did the Surveyor examine the Safety Valves of the Main Boilers? no To what pressure were they afterwards adjusted under steam? 180 lbs

Did the Surveyor examine the Safety Valves of the Donkey Boilers? ✓ 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 fitted, and of the Donkey Boilers? ✓

Did the Surveyor examine all the mountings of the Main Boilers? no, and of the Donkey Boilers? ✓

Has the screw shaft now been drawn and examined? no Has it a continuous liner? ✓ Is an approved oil retaining appliance fitted at the after end? yes

Has shaft now been changed? no If so, state reasons ✓ Has the shaft now fitted been previously used? ✓ Has it a continuous liner? ✓

Is an approved oil retaining appliance fitted at the after end? ✓ State date of examination of Screw Shaft ✓ State the wear down in the stern bush 30/1000 Is electric light ~~and/or power~~ fitted? yes If so, did the Surveyor examine the generators, motors, switchgear, cables and fuses? no

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

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 Boiler damage complete

Cause of damage alleged stated to have occured on Sunday March 25th 1945, thro' loss of water in gauge glass while vessel was proceeding from Clythness to Scrabster

NOW DONE:- Boiler examined internally & externally together with doors (mountings not examined) and found or placed in good working condition. Safety valves afterwards adjusted under steam to 180 lbs per square inch and found satisfactory.

DOCKING:- Vessel placed in dry dock, propeller, after end of stern tube, underwater sea cocks and their outside fastenings examined and found or placed in good working order. Minor repairs effected.

Boiler Repairs:- a number of plain tubes expanded and stay tubes caulked also back C.E. plate seam caulked and a number of rivets set up in all C.E.'s. Some screw stays caulked nuts renewed & rejointed in Port C.E. only. Dry cracks in flange of back C.E. plate in way of rivet holes (1 in P.C.E., 4 in C.C.E. 2 in S.C.E.) veed out & electric welded. One rivet renewed in S.C.E. after crack had been veed out & welded. Front circum.l seam at bottom built up with electric welding where wasted & a number of rivets set up in way.

General Observations, Opinion, and Recommendation:— The machinery of this vessel so far as now seen is in a safe working condition and eligible in my opinion to remain as classed without fresh record of survey.

(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, BS 9,11, B&MS 9,11 ✠LMC 9,11 or ✠LMC 140 lb., FD, &c.) CS 3,34,

Survey Fee (per Section 29) £ : :

LICENCE CASE

Special Damage or Repair Fee (if any) £4 : 4 : 0 (per Section 29.)

Travelling expenses (if chargeable) £ : :

Fees applied for 29 MAY 1945 19

Received by me, 19

Thos. P. Gilbertson.

Engineer Surveyor to Lloyd's Register of Shipping.

Committee's Minute GLASGOW 29 MAY 1945

Assigned Transmit to Wokingham

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

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

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008812 - 008822 - 0095

Boiler examined & minor repairs effected after damage caused by shortage of water

It is submitted that this vessel is eligible to remain as CLASSED.

L.G.
1/6/65.

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