

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

(Received at London Office MAY -2 1940)

Date of writing Report: 10 When handed in at Local Office: 20/4/40 Port of: **NEWCASTLE-ON-TYNE**

No. in Reg. Book: 35228 Survey held at: **South Shields.** Date, First Survey: **8 April** Last Survey: **15 April 1940** (No. of Visits: 4)

on the Machinery of the ~~Wood, Iron or Steel~~ **S.S. TOGSTON.**

Tonnage: Gross **1547** Net **898** Vessel built at **Haverthill Works** By whom **Furness S.B. Co. Ltd.** Year. Month. When **1924. 6.**

Nominal Horse Power: **166** Engines made at **Newcastle.** By whom **N.E. Marine Eng. Co. Ltd.** When **1924.**

No. of Main Boilers: **2.** Boilers, when made (Main) **1924.** (Donkey)

No. of Donkey Boilers: Owners: **Broomhill Steamships Ltd.** Owners' Address: (if not already recorded in Appendix to Register Book.)

Steam Pressure in Main Boilers: **180 lb.** Managers: Port: **Newcastle.** Voyage:

in Donkey Boilers: If Surveyed Afloat or in Dry Dock: **Drydock.** (State name of Dock.) **Middle Dock Eng. Co. Ltd.**

Last Report No. Port

Particulars of Examination and Repairs (if any) **B.S. & C.L.**

(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?

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: **10-4-40.** Present condition of funnel: **Efficient.**

Did the Surveyor examine the Safety Valves of the Main Boiler? **Yes.** To what pressure were they afterwards adjusted under steam? **180 lb/0"**

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 Boilers?

Did the Surveyor examine all the mountings of the Main Boilers? **Yes.** and of the Donkey Boilers?

Has screw shaft now been drawn and examined? **Yes.** Is it fitted with continuous liner? **Yes.** Is an approved appliance fitted at the after end of the shaft to permit of it being efficiently lubricated?

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 appliance fitted at the after end of the shaft to permit of it being efficiently lubricated?

State date of examination of Screw Shaft: **8-4-40** State the distance between lignum vitae or bearing metal of stern bush and top of after bearing of screw shaft: **1/4"**

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.**

Now done: Vessel placed in drydock, propeller, tailshaft, stern bush and underwater valves, cocks, and fastenings examined and found or placed in good condition. Main boilers examined internally and externally, complete with all manholes, doors, their fastenings and all mountings. Safety Valves adjusted to above stated pressures. Minor repairs effected.

General Observations, Opinion, and Recommendation: **The Machinery of this vessel, as far as now seen, is in efficient condition and eligible in my opinion, to remain as classed, with record of survey B.S. 4, 40 and C.L. 4, 40.**

Survey Fee (per Section 28) **B.S. 3** : - : - Fees applied for **30 APR 1940**

Special Damage or Repair Fee (if any) (per Section 29) **5** : : - Received by me, **E. Wilson**

Travelling expenses (if chargeable) **5** : : -

Committee's Minute **MAY 10 1940**

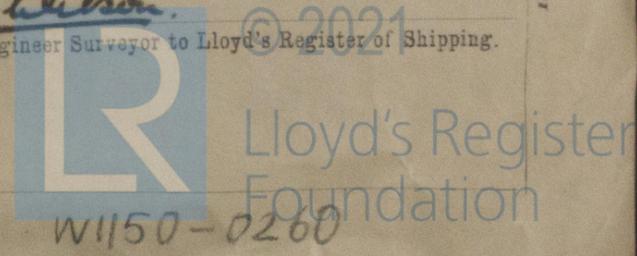
Assigned **H. 40**

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 since last survey expired.	Machinery and Boiler Surveys (including date of N.B., if any).
F 100A1		F L.M.C.
4, 38.		M.S. 1, 37
S.S. S.H. Nos. 1, 37.		B.S. 12, 38.
		C.L. 1, 37.
Large Batters not fitted.		

The Surveyors are requested not to write on or below the space for Committee's Minute.

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



W1150-0260