

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

(Received at London Office)

Date of writing Report

When handed in at Local Office

19 **53** FEB 19

Port of **NEWCASTLE-CN-TYNE.**

No in Reg. Book. Survey held at **South Shields**

Date. First Survey **9-2-53**

Last Survey **16-2-53**

(No. of Visits **4**)

**3095** on the Machinery of the ~~Wood~~ **Iron & Steel**

**1/3 "Belgrave"**

Management  
Gross **1076**  
Net **605**  
Nominal Horse Power **115 HP**

Vessel built at **Burntisland**  
Engines made at **Newcastle**  
Boilers, when made (Main) **1938**  
Owners **O. Dory & Sons Ltd.**

By whom **Burntisland S.B. Co Ltd.**  
By whom **N.C. Marine Eng Co Ltd.**  
(Donkey)  
Owners' Address

Year. Month.  
When **1938 1**  
When **1938**

No. of Main Boilers **1 SB**

Managers

Port **Guernsey**

Voyage **Coastwise**

No. of Donkey Boilers

If Surveyed ~~At~~ in Dry Dock **Brigham & Cowan**  
(State name of Dock.)

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

Next Report No.

Port

Particulars of Examination and Repairs (if any)

**Damage, T.S.**

Periodical Surveys, when held, must be reported in detail and seriatim in the terms of the Rules. State clearly the nature 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.

CHARACTER of 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)
<b>100A1 with freeboard.</b>		<b>LMC 6, 50</b>
<b>6, 52</b>		<b>BS 6, 52</b>
<b>SS. Shl 6, 50</b>		<b>TS (CL) 6, 52</b>
<b>Cargo battens not fitted.</b>		

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. **Offered and declined.**

Has a damage report made by anyone else? If so, by whom? **Yes Underwriters Surveyor.**

Did the Surveyor personally go inside each Main Boiler separately and make a through examination at this time? **No**

Did the Surveyor personally go inside each Donkey Boiler separately and make a through examination at this time? **Yes**

State for what reasons. **Not Due.** What parts of the Boilers could not be thus thoroughly examined? **✓**

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? **✓**

Latest date of internal examination of each boiler. Present condition of funnel(s) **✓**

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

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

Has the shaft now been changed? **Yes** If so, state reasons **worned under liner** Has the shaft now fitted been previously used? **No** Has it a continuous liner? **Yes**

Is an approved oil retaining appliance fitted at the after end? **No** State date of examination of Screw Shaft **14-2-53** State the wear down in the bush. **Close** Is electric light and/or power fitted? **✓** If so, did the Surveyor examine the generators, motors, switchgear cables and fuses? **✓**

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

Parts, when referred to by numbers, should be counted from forward. Auxiliary machinery should be referred to by position in Machinery Space.

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

Damage stated to have been sustained to the screw shaft through vessel entering heavy weather, with engines racing whilst on passage from Guernsey-Tyne between dates Feb. 1<sup>st</sup> 1953 and Feb. 7<sup>th</sup> 1953. Inclusive.

Damage (Damage.) Vessel placed in drydock, propeller, stern bush and outside fittings examined.

Screw shaft drawn and examined. Liner worn, removed. Screw shaft found bed under liner, renewed. New screw shaft stamped: Lloyd's No 25008 T.A.O.

2.53 See Newcastle certificate C.40978 attached. Stern bush rewooded. Thrust

at Aft coupling face & periphery machined, all holes reamed & new coupling bolts fitted.

Size bolts supplied as spare Working propeller tried without & with key to new screw shaft & all

at Observations, Opinion, and Recommendation: **left in good working order.**

(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 so 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

The machinery of this vessel, so far as now seen is in a safe working condition

able in my opinion to remain as classed & have fresh record of TS (CL) 2,53

Survey Fee (per Section 23) £ : : Fees applied for

Material Damage or Repair Fee (if any) £ **6 6 0** **MAR 1953**

(per Section 23.) Received by me,

Printing expenses (if chargeable) £ : : 19.

Committee's Minute

Signed **As now** **S 2.53**

**TUES. 24 MAR 1953**

**John W. Harbottle.**

Engineer Surveyor to Lloyd's Register of Shipping.

**L** Lloyd's Register Foundation

013260-013261-0124

Ret

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

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