

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

Date of survey 10th August 50 When handed to at Local Office 10th August 50 Port of BRISTOL  
 No. in Reg. Book. Survey held at Bristol & Avonmouth Date First Survey 7th July Last Survey 9th August 1950  
 58766 on the Machinery of the ~~xxxxxx~~ Steel s.s. "ERNEST BROWN" (No. of Vessels 2)

Tonnage Gross 54 Vessel built at Thorne, Doncaster By whom R. Dunston Ltd. When 1944 9  
 Net - Engines made at Sunderland By whom J. Dickinson & Sons Ltd. When 1944 9  
 Nominal Horse Power 220 IHP Boilers, when made (Main) 1944 (Donkey) -  
 No. of Main Boilers 1SB Owners T. R. Brown & Sons Ltd. Owners' Address -  
 No. of Donkey Boilers - Managers -  
 Steam Pressure in Main Boilers 140 lb Part Hull -  
 in Donkey Boilers - If Surveyed Afloat or in Dry Dock Afloat (State name of Dock)

Last Report No. Port

Particulars of Examination and Repairs (if any) BS & Annual Survey

Periodical Surveys, when held, must be reported in detail and variation 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 summarized 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. No damage

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 " " None

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 ensure himself of the thorough efficiency of those parts of each Boiler? -

State latest date of internal examination of each boiler 7th July, 1950

Present condition of funnel(s) efficient

Did the Surveyor examine the Safety Valves of the Main Boilers? Yes To what pressure were they afterwards adjusted under steam? 140 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? - and of the Donkey Boilers? -

Did the Surveyor examine all the mountings of the Main Boilers? Yes, 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? -

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 bar Vessel afloat 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? No

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. Complete.

Now Done.

Boiler Survey: Boiler examined internally and externally, together with its safety valves, mountings, manholes, doors and their fastenings, afterwards examined under steam and its safety valves adjusted to the working pressure.

Oil fuel installation and steam smothering apparatus examined under working conditions and found satisfactory.

Annual Survey: Main and auxiliary machinery examined as far as practicable without dismantling, afterwards examined under working conditions and found satisfactory.

Repairs (Wear & Tear): Furnace and wrapper plate seam caulked in port combustion chamber.

General Observations, Opinion, and Recommendation: The Machinery of this vessel, so far as now see, is

(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 8,50 or 8,50 to 8,50, &c.)

eligible in my opinion to remain as classed in the Register Book with fresh record of BS 8,50 and Annual Survey 8,50.

Survey Fee (per Section 28) B.S. £ 3 : 0 : 0 Fees applied for  
 Special Damage or Repair Fee (if any) £ : : Received by me,  
 (per Section 29.)  
 Travelling expenses (if chargeable) £ : :

Committee's Minute FRI. 1 SEP 1950

Assigned Ber. S. 8.50

Y.A. Boater  
 Registrar Surveyor to Lloyd's Register of Shipping