

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

(Received at London Office)

Date of writing Report 16th Aug 1942 When handed in at Local Office 17-8-42 Port of Swansea
 No. in Survey held at Swansea Date First Survey 10th Aug Last Survey 12th Aug 1942
 eg. Book. 2194 on the Machinery of the Wood, Iron or Steel "SHEAF MOUNT" (No. of Visits 3)
 Tonnage { Gross 5017 Vessel built at Port Glasgow By whom R. Duncan & Co. 90 Year. Month. When 1924 11
 Net 3174 Engines made at Glasgow By whom D. Rowan & Co. 90 When 1924
 Nominal Horse Power 476 Boilers, when made (Main) 1924 (Donkey) ✓
 No. of Main Boilers 3 50 Owners Sheaf Shipping Co. 20 Owners' Address (if not already recorded in Appendix to Register Book.)
 No. of Donkey Boilers ✓ Managers N. A. Soules & Co. 20 Port Newcastle Voyage ✓
 Steam Pressure in Main Boilers 180 lb. If Surveyed Afloat or in Dry Dock afloat
 in Donkey Boilers ✓ (State name of Dock.)

Last Report No. 42585 Port N.Y.K.Particulars of Examination and Repairs (if any) Check valve repairs

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 details 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.

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. ✓

as a damage report made by anyone else? If so, by whom? ✓

and the Surveyor personally go inside each Main Boiler separately and make a thorough examination at this time? no

" " Donkey " " " ✓
 this was not done, state for what reasons BS not due

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. ✓

Present condition of funnel(s) ✓

Did the Surveyor examine the Safety Valves of the Main Boiler? ✓

To what pressure were they afterwards adjusted under steam? ✓

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? ✓

, 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? 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. ✓

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. ✓

State the distance between lignum vitae or bearing metal of stern bush and top of after bearing of screw shaft. ✓

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 Completed.

Attended at request of Owners Representative to ascertain nature and extent of defects in donkey, check valves stated to have been ground in at this port. Check valves found to be leaking back very heavily.

Now done. Check valves opened out and found valves and seats damaged by foreign matter. Port & Starboard valve seats renewed. Feed pipes disconnected and flushed through. An accumulation of pieces of donkey pump valves removed from feed pipes.

Minor overhauling repairs carried out under license.

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 L.M.C. 140 lb., F.D., &c.)

Check in my opinion to remain as cleared without fresh record of survey.

Survey Fee (per Section 29) £ : : Fees applied for 17-8-1942
 Special Damage or Repair Fee (if any) £ 4:4- Received by me, 19
 Travelling expenses (if chargeable) £ 2-0-0

Committee's Minute FRI 28 AUG 1942

Assigned As now

Engineer Surveyor to Lloyd's Register of Shipping.

Lloyd's Register
Foundation

W216-0025