

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

(Received at London Office MAY 30 1940)

Date of writing Report 24-5-1940 When handed in at Local Office 24-5-1940 Port of Swansea

No. in Reg. Book 41009 Survey held at Swansea Date, First Survey 6-5-40 Last Survey 20-5-1940
"SHEAF MEAD" (No. of Visits 4)

Tonnage { Gross 5008 Net 3174 Vessel built at Port Glasgow By whom R. Duncan & Co. Ld. When 1924 2
Engines made at Glasgow By whom J. Ravan & Co. Ld. When 1924
Nominal Horse Power 476 Boilers, when made (Main) 1924 (Donkey) ✓
No. of Main Boilers 3SB Owners Sheaf Steam Shipping Co. Ld. Owners' Address Port Newcastle Voyage ✓
No. of Donkey Boilers 1 Managers W.A. Souter & Co. Ld.
Steam Pressure in Main Boilers 180lb If Surveyed Afloat or in Dry Dock Afloat: Dry Dock
in Donkey Boilers ✓

Last Report No. _____ Port _____
Particulars of Examination and Repairs (if any) BS. 9 PART 7.5

(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

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

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 Part 1 Sur. 6/6/40. Autos

Did the Surveyor examine the Safety Valves of the Main Boiler? Yes To what pressure were they afterwards adjusted under steam? Satisfactory 180 Lbs/sq. in.

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? Yes and of the Donkey Boilers? _____

Did the Surveyor examine all the mountings of the Main Boilers? _____ and of the Donkey Boilers? _____

Has 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 _____ Is an approved appliance fitted at the after end of the shaft to permit of it being efficiently lubricated? _____

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 _____

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 To complete the survey for record of M.S. (with date) please see previous reports.

Now Done As Part M.S.:- H.P., M.P. & L.P. valves & cranks of main engine opened up & examined. H.P. valves cylinders bored out & driven new piston valves complete, fitted. New piston valve fitted with Ross Phillips patent rings.

Now Done For BS:- Main boiler examined internally & externally together with safety valves, doors & mountings and the safety valves afterwards adjusted under steam to pressures stated above.

Repairs:- Wipes on water side of centre furnace on the boiler on lines of fire bars built up with electric welding. Centre boiler rivet valve spindle renewed. Rust repairs effected.

General Observations, Opinion, and Recommendation: The machinery of this vessel is now seen to be in efficient condition & eligible in my opinion to remain as classed with record of BS. 5,40 now and M.S. (with date) on completion 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, subsequent 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. 9, 11, B.&M.S. 9, 11, L.M.C. 9, 11, or L.M.C. 140 lb., F.D., &c.)

Survey Fee (per Section 29) BS £ 4 - - - Fees applied for 24-5-1940

Special Damage or Repair Fee (if any) (per Section 29.) £ _____ Received by me, _____

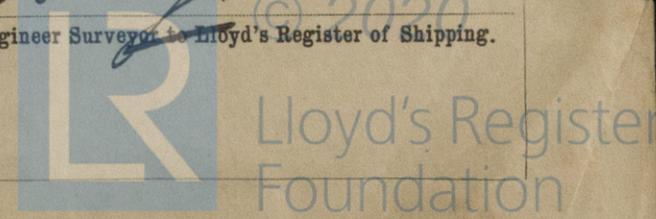
Travelling expenses (if chargeable) £ _____ 19 _____

Committee's Minute _____

Assigned BS. 5,40

CHARACTER. * for Special Survey Date of last Survey and of Periodical Surveys.	Years assigned now or expired.	Machinery and Boiler Surveys (Including date of N.B., if any).
1100A1 1,40		1- LMC 5,36.
SS. Shd. No 3-6,36		BS 5,39.
		TS (CL) 8,39.
		3

R. R. Jones
Engineer Surveyor to Lloyd's Register of Shipping.



W282-0080

The Surveyors are requested not to write on or inside the space for Certificate

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