

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

(Received at London Office)

Date of writing Report 17. 12. 1956 When handed in at Local Office 27 DEC 1955

Port of LIVERPOOL

Survey held at BIRKENHEAD. Date First Survey 4 10 56 Last Survey 14 12 1956 (No. of Visits 13)

on the Machinery of the Wood, Iron or Steel s/s. CLEARWAY

Gross 276 Vessel built at Aberdeen By whom A. Hall & Co. Ltd. When 1927 3
 Net 107 Engines made at do. By whom do. When " "
 Per Rule Boilers, when made (Main) 1927 (Donkey) 1927
 Main Boilers 1SB Owners Whitehaven Harbour Commissioner Owners' Address -
 (if not already recorded in Appendix to Register Book.)
 Donkey Boilers - Managers - Port Whitehaven Voyage
 Pressure - If Surveyed Afloat or in Dry Dock afloat (C. Laird)
 Main Boilers 160 (State name of Dock.)
 Donkey Boilers - Particulars of Classification (which must be inserted precisely as in Register Book & Supplements).

Report No. Port Particulars of Examination and Repairs (if any) Compl. BS Ins & Repairs

HULL	MACHINERY
100A1. 8,55.	LMC. 7,52.
S.S. Bkn. (Dr) 7,52.	BS. 8,55.
	TS.OG. 11,55.
hopper barge	
	ND.

Special Surveys, when held, must be reported in detail and serially in the terms of the Rules. State clearly the nature and extent of examinations and subsequent repairs. Repairs on damaged parts (the cause of which must be stated) should be separated from repairs due to other causes; and besides details of any letters respecting this case.

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.

Has a special damage report been made by anyone else? If so, by whom?

Has the Surveyor personally gone inside each Main Boiler separately and made a thorough examination at this time? Yes

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 4. 12. 56 Present condition of funnel(s) good

Has the Surveyor examined the Safety Valves of the Main Boilers? No To what pressure were they afterwards adjusted under steam? 180 lbs/10"

Has the Surveyor examined the Safety Valves of the Donkey Boilers? To what pressure were they afterwards adjusted under steam?

Has the Surveyor examined all the manholes, doors and their fastenings of the Main Boilers? Yes and of the Donkey Boilers?

Has the Surveyor examined the drain plugs of the Main Boilers? Yes and of the Donkey Boilers?

Has the Surveyor examined all the mountings of the Main Boilers? No and of the Donkey Boilers?

Has the screw shaft now been drawn and examined? Has it a continuous liner? Is an approved oil retaining appliance fitted at the after end?

Has the shaft now been changed? 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 bush.

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

When the 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.

W DONE Vessel afloat. Main boiler removed ashore and examined internally and externally & placed in good order. Boiler refitted on completion of repairs, examined under steam & safety valves adjusted to the original working pressure of 180 lbs/10".
 Stem light wiring examined, placed in good order & tested.
 Boilers shell plate & back end plate cropped & lower parts renewed, two new double butt strap seams raised. Combustion chamber wrapper plates cropped for access and part renewed. 3 lower longitudinal stays & 32. c.c. stays renewed in way of repairs. Repairs effected in accordance with Law No AR 4706, approved 19.5.56. 20 plain & 2 stay tubes renewed and main steam stop valve renewed, 3 test cocks renewed and boiler hydraulically tested to 225 LBS/10" & found tight. Boiler refitted in vessel, together with collision chocks.

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, etc.)

The machinery of this vessel, as far as now seen, is in good order and fit to remain as classed with fresh record of MS 9,56 and BS 12,56 without condition of class, and to have the record of working pressure amended to 180 LBS.

Survey Fee (per Section 23) BS £ 5 : 0 : 0
 Special Damage or Repair Fee (if any) £ 35 : 0 : 0
 Travelling expenses (if chargeable) £ - - - - - 19

Assigned + LMC MS 9.56
 M BS 12.56
 SPS 9.56
 CERTIFICATE WRITTEN

Fees applied for, 2 JAN 1957
 Received by me, J. Bowman.
 Engineer Surveyor to Lloyd's Register of Shipping.

Amend BR pressure to 180 lbs.
 011443-41498-0160 1/2
 Lloyd's Register Foundation

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

This Certificate requires If so, to be sent to

