

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

(Received at London Office)

2-DEC 1952

NEWCASTLE-ON-TYNE

Date of writing Report 28-11-52 When handed in at Local Office 1 DEC 1952 19 52 Port of NEWCASTLE-ON-TYNE

No in Reg. Book. Survey held at Yebben, Walsend & Tarrow Date. First Survey 20-8-52 Last Survey 21-11-52 (No. of Visits 6)

50353 on the Machinery of the Wool or Steel T.S.M.V. 'AFRICAN QUEEN'

Gross 1966 Vessel built at Rodby Haon By whom A.S. Rodby Haon Juniors When 1920 9

Net 1252 Engines made at Augsburg By whom Machinwerk Augsburg Muenchen 1941

Nominal Horse Power 248 Boilers, when made (Main) (Donkey) Owners' Address 19, LONDON FRUIT EXCHANGE, SPITFELD MARKET LONDON, E.1.

No. of Main Boilers 1 Owners ALPHA WEST (ENGLAND) LTD Port Gibraltar Voyage ✓

No. of Donkey Boilers 1 Managers Sawthern Lullis Particulars of Classification (which must be inserted precisely as in Register Book & Supplements).

Exam Pressure in Main Boilers 120 lb Surveyed Afloat ✓ in Dry Dock Walsend Slipway, Newcastle Dry Dock Co. Ltd. Tarrow.

Last Report No. 120 lb Port Port Particulars of Examination and Repairs (if any) DRG TS(OA) & DBS.

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

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 through examination at this time? ✓

Did the Surveyor examine the Donkey Boilers? ✓ What parts of the Boilers could not be thus thoroughly examined? ✓

Were 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? ✓

What was the latest date of internal examination of each boiler? Port 29-10-52 Present condition of funnel? Efficient

Did the Surveyor examine the Safety Valves of the Main Boilers? ✓ To what pressure were they afterwards adjusted under steam? 120 lb

Did the Surveyor examine the Safety Valves of the Donkey Boilers? ✓ To what pressure were they afterwards adjusted under steam? 120 lb

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 P.S. Has it a continuous liner? No Is an approved oil retaining appliance fitted at the after end? Yes P.S.

Has the 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. P.S. 29-8-52 State the wear down in the screw bush. blowys P.S. 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

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.

Work done. P.S. TS(OA)

Vessel placed in drydock, Port and Starboard propellers, 'A' bracket and stern tube bushes and all outside fastenings examined and found in good order. Sea valves opened out, examined and found in good order. Port and Starboard screwshafts withdrawn and examined. Both shafts found stored in way of 'A' bracket bearings. Screwshafts removed astore and skimmed satisfactorily. New white metal bushes supplied and fitted to 'A' brackets. Upon completion of these repairs the sealing tubes, between the stern tube and the 'A' brackets, and both oil glands were pressure tested and found oil tight.

Continued on Sheet 2.

General Observations, Opinion, and Recommendation:— The machinery of this vessel, as far as now seen, is in

(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 9,11, B&MS 9,11, LMC 9,11 or LMC 140 lb., FD, &c.)

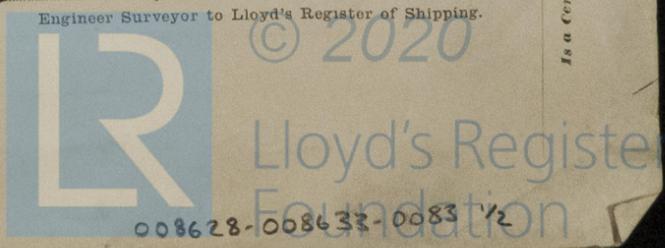
A safe working condition, eligible in my opinion to remain as now classed, and have fresh record of DBS 11-52 and P.S. TS(OA) 8-52

Survey Fee (per Section 23)	P.S. TS(OA)	£ 4 0 0	Fees applied for	19
Special Report for D.B. Repairs		5 5 0	19	DEC 1952
Special Repair Fee (if any)	DBS	5 0 0	Received by me,	
(per Section 23.)		12 0 0		
Travelling expenses (if chargeable)		£		

TUES. 16 DEC 1952

W.D. Winter, R.D. Southurst
R.D. Southurst
Fluonia Roth
Engineer Surveyor to Lloyd's Register of Shipping.

Assigned As now (with torsional endorsement)
DBS 11,52 S 8,52



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

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

M.V. "African Queen".

how done. Continued

Special Examination Starb'a Donkey Boiler Repairs.

The repairs effected to the Starb'a Donkey Boiler whilst the vessel was at Dabau were examined at the Owners request and found efficient and the boiler to be in a safe working condition, eligible to remain as now classed without subject regarding the repairs.

Copy of Indian Certificate No. C.39514 is attached herewith.

How Done (After sale of vessel to Alpha West (England) Ltd.

DBS.

Port and Starb'a locomotive type boilers and Centre W.T. boiler examined internally and externally together with mountings, manholes, doors and fastenings.

Safety valves afterwards adjusted under steam to pressure stated.

Permanent repairs now done.

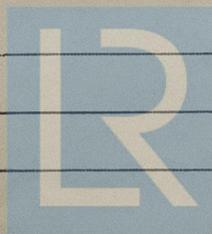
Port, Starb'a & Centre Boilers.

Minor repairs effected to boiler mountings.

Port & Starb'a Boilers.

Combustion chamber crown plate, wrapper plates and tube plates test drilled and thickness found satisfactory.

H. J. G. Wilson
SURVEYOR TO LLOYD'S REGISTER,
NEWCASTLE-ON-TYNE.



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Foundation