

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

(Received at London Office

29 OCT 1948

of writing Report

19

When handed in at Local Office

12 OCT 1948

Port of

NEWCASTLE-ON-TYNE

Survey held at Wallsend

Date. First Survey 31/8/48

Last Survey 23/9/48

19

(No. of Visits 15)

ides 02 on the Machinery of the ~~Blackburn~~ Steel Turbo Elec. s.s. "BEECHER ISLAND".Gross 10,668
Net 6317

Vessel built at Mobile

By whom Alabama D.D. Shipbuilding Co. When 1944

Engines made at Lynn Mass.

By whom General Electric Co. When 1944

Boilers, when made (Main) 1944

(Donkey) -

Owners British Tanker Co.

Owners' Address

(if not already recorded in Appendix to Register Book.)

Port London

Voyage

Donkey Boilers. Nil

Pressure 50 lbs.

Boilers Supt. 473 lbs.

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Report No.

Port

Classification
L.M.C.

Particulars of Examination and Repairs (if any)

cal Surveys, when held, must be reported in detail and seriatim in the terms of the Rules. State clearly the nature and extent of Repairs, if any, and, in detail, the nature and extent of Examinations and subsequent Repairs. Repairs on the cause of which must be stated) should be separated from Repairs due to other causes; and being detailed in the body of the report, should be briefly summarised at the end of the report. State also the initials of any letters respecting this case.

age cases where the Surveyor has not made a special damage report he is required to state whether he has made a special damage report, and why they were declined.

red his services for this purpose, and why they were declined.

damage report made by anyone else? If so, by whom?

Surveyor personally go inside each Main Boiler separately and make a thorough examination at this time? Yes

Donkey " " " " " "

as not done, state for what reasons

at parts of the Boilers could not be thus thoroughly examined?

at 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?

test date of internal examination of each boiler Port 8-9-48 Starb. 6-9-48

Surveyor examine the Safety Valves of the Main Boiler? Yes To what pressure were they afterwards adjusted under steam?

Surveyor examine the Safety Valves of Donkey Boiler? To what pressure were they afterwards adjusted under steam?

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

Surveyor examine the drain valves of the Main Boilers? Yes, and of the Donkey Boilers?

Surveyor examine all the mountings of the Main Boilers? Yes, and of the Donkey Boilers?

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?

It now been changed? If so, state reasons

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?

te 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 3/32

ngine parts, when referred to by numbers, should be counted from forward.

See Electrical Surveyor's Report

the Surveyor examine the generators, motors, switchgear, cables and fuses?

insulation resistance of the generators, circuits and apparatus been tested and found to be not less than 100,000 ohms?

urvey is not complete, state what arrangements have been made for its completion and what remains to be done Complete.

See also Bristol Report 16815.

Vessel placed in drydock, propeller, sea valves and cocks with their outside fastenings examined and all found or now placed in good order.

All main and auxiliary machinery opened up and examined complete.

Main and auxiliary inboard and outboard turbines and their gearing, main and auxiliary alternators bearings and journals, main motor and alternators air coolers tested.

Main and auxiliary condensers tested, thrust and intermediate shafting and bearings,

main and auxiliary circulating pumps, main inboard and outboard and auxiliary condensate extraction pumps, oil fuel pumps, lubricating oil pumps and coolers tested, main and

auxiliary feed pumps in their entirety, general service and butterworth system, fire service,

eral Observations, Opinion, and Recommendation:—The machinery of this vessel as now seen

ate 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, R.S. 9,11, B.&M.S. 9,11, L.M.C. 9,11, or

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

is in efficient condition and eligible in my opinion to have records L.M.C. 9-48

T.S.C.L.(N) 1-48 as previously recommended.

Subject to spare propeller being supplied. It is submitted that reference to examine

economisers at each Boiler Survey may now be deleted from S.R.L.

Fee (per Section 29)

KE SUPERVISION £ LETTER TO FOLLOW LONDON

Damage or Repair Fee (if any) £

UNDAY ATTENDANCE £ 5 5 0

lting expenses (if chargeable)

mittee's Minute

igned

L.M.C. 9-48 subject-

Fee applied for

Received by me,

Particulars of Classification (which must be inserted precisely as in Register Book & Supplements).

CHARACTER. * for Special Survey Date of last Survey and of Periodical Surveys.	Years assigned for surveying	Machinery and Boiler Surveys (including date of N.B., if any).
100 A1		Examined
1,48		1,48
Classification		B.S.1-48 (500 lbs.)
Contemplated.		SW (CH) 1.48
Elec. Welded		Machy Aft.
Fitted for Oil Fuel.		
Carrying Petroleum in Bulk.		

SEE SPL. NOTE S.R.L. MACH

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

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

Engineer Surveyor to Lloyd's Register of Shipping.

Lloyd's Register Foundation

002457002464 0052 1/2

"BEECHER ISLAND".

DKG. (Contd.)

bilge, sanitary and evaporator pumps, Evaporators, air compressors and receivers, pumping arrangements, O.F. deck control valves, steering gear and windlass all found or now placed in efficient condition.

E.S. Examined Port and Starbd. boilers in their entirety with their superheaters, mountings, doors and their fastenings.

S.R.L. Economisers are not fitted in this installation. Feed heaters examined in their entirety and found in good order. On completion of minor boiler repairs both boilers examined under hydraulic pressure 700 lbs/sq. inch and all found in good order. Safety valves subsequently adjusted under steam to pressures stated overleaf.

Steam smothering systems and C.O.2 smothering systems examined, copy of C.O.2 test certificate attached.

Boiler fronts O.F. pressure pipes and O.F. installation examined under working conditions and all found in good order.

On completion of minor repairs, main and auxiliary machinery observed under working conditions and all found in good order.

2.2.48

SURVEYOR TO LLOYD'S REGISTER,
NEWCASTLE-ON-TYNE.



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Foundation