Rpt. 9. No. 42222

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

(Received at London Office 1-9 MAY 1942)

Date of writing Report March 12 1942 When handed in at Local Office March 14 1942 Port of New York

No. in Reg. Book 20842 Survey held at Marine Harbor Date, First Survey and Last Survey Feb 2nd 1942 (No. of Visits 1)

on the Machinery of the Wood, Iron or Steel S.S. BYRON D BENSON

Tonnage Gross 7953 Net 4932 | Vessel built at Tampa Fla. By whom Ocean Daniel Co. When 1922-1

Nominal Horse Power 596 | Engines made at Jersey City By whom Vulcan Ironworks When 1922

No. of Main Boilers 3 | Boilers, when made (Main) 1922 (Donkey) ✓

No. of Donkey Boilers ✓ | Owners Tide Water Associated Oil Co. Owners' Address (if not already recorded in Appendix to Register Book.)

Steam Pressure—in Main Boilers 220 | Managers Port Wilmington Del. Voyage

in Donkey Boilers ✓ | If Surveyed Afloat or in Dry Dock Surveyed afloat (State name of Dock.) Bethlehem Shipbuilding

Last Report No. 1129 Port J.A.

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 now expired.	Machinery and Boiler Surveys (including date of N.B., if any)
✱ 100 A1. 6.40		T.I.M.S.
Tank, oil & Wat. 1 Bkd		6.41
✱ Mach N.S. 10.33		C.T. 6.41
✱ Mach N.S. 37		
Carrying Petrol in Bulk.		B/S. 8.40
Fitted for oil fuel		1.22
✱ above	150	F.
SS N.Yk No 2-41		

Particulars of Examination and Repairs (if any) Completion of Survey

(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?

" " Donkey " " "

If this was not done, state for what reasons?

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 screw shaft now been drawn and examined? 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 vitæ 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

Surveyed to Confirm to Tank Vessel and Petroleum Regs.

Now Done! The 2" M.P. Piston and rod were removed to shop and placed in lathe for "TRUE" and upon examination the above piston & rod were found to be in good order, subsequently being fitted on board & examined under working conditions & found satisfactory.

S.R.L. This item may be deleted.

General Observations, Opinion, and Recommendation:— The machinery of this vessel

(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 ✱LMC CS 3,34, 140 lb., F.D., &c.)

is now in good order and Eligible, in my Opinion, to remain as now Classed without fresh record.

Survey Fee (per Section 29) £ : 00

Special Damage or Repair Fee (if any) £ 15 : 00

(per Section 29.)

Travelling expenses (if chargeable) £ : :

Fees applied for Mar. 19 1942

Received by me, 19

Committee's Minute NEW YORK MAR 18 1942

Assigned As now Subject "H"

Wm Cornthwaite

Engineer Surveyor to Lloyd's Register of Shipping.

Without Tank. PISTON & ROD.

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

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

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

(Issued at London only.)

No. _____

Date of Survey _____ Place of Survey _____ Date built in or Land on _____

Port Registry _____ Year _____ Port of _____ Official No. _____

Vessel built at _____ Date of _____ Where _____

Engines made at _____ By whom _____ When _____

Boilers made at _____ By whom _____ When _____

Owners _____ Managers _____

Particulars of Classification (which must be inserted in Register Book).

Provided in Register Book of Society _____

Last Report of Examination and Repairs if any _____

Particulars of Survey _____ Surveyor or Chief Officer _____

Surveyed afloat or in Dry Dock _____

(State name of Dock) _____

Date of last Survey and of Classification _____

Number and Date of Survey _____

Number and Date of Survey _____

Number and Date of Survey