

REC'D NEW YORK JUN 15 1954

No. 10249 Bc

Rpt. 9.

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

(Received at London Office.....) **8 - JUL 1954**

Date of writing Report 27 May 1952 When handed in at Local Office a/b/ 1954 Port of Baltimore, Maryland

No in Reg. Book. Survey held at Baltimore, Maryland Date. First Survey 4th Last Survey 13th May 1954 (No. of Visits 7)

23192 on the Machinery of the Wobblin of Steel S.S. "PINNACLES"

Gross tonnage 10641 Vessel built at Portland, Or. By whom Kaiser Co., Inc. When 1944
 Net tonnage 6465 Engines made at Lynn, Mass. By whom General Electric Co. When 1944
 Nominal Horse Power MN1448 Boilers, when made (Main) 1944 (Donkey) -
 No. of Main Boilers 2 W.T.B. (Spt.) Owners Deep Sea Tankers, Ltd. Owners' Address -
 (if not already recorded in Appendix to Register Book.)
 No. of Donkey Boilers - Managers - Port Montreal Voyage -
 Steam Pressure in Main Boilers 500 lbs. If Surveyed Afloat or in Dry Dock both
 (State name of Dock.) Beth. Key Highway

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)
B.S. 5.53		M.B.S. 5.51
S.S. Bal. 5.52		T.S. (CI) 5.53
A.S. 5.53		Blr. S. 5.53
		mps. 5.52

*Notes for oil fuel
Sea welded
Tanker- Oils F.P. below 150° F.*

Particulars of Examination and Repairs (if any) D.D. BS & repair
 Periodical Surveys, when held, must be reported in detail and serially in the terms of the Rules. State clearly the cause of Repairs, if any, and 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 summarized at the end of the report. State also the dates and initials 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 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? -

What parts of the Boilers could not be thus thoroughly examined? -

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? -

Date latest date of internal examination of each boiler. P. 11th S. 12th May, 1954. Present condition of funnel(s) Good

Did the Surveyor examine the Safety Valves of the Main Boilers? Yes To what pressure were they afterwards adjusted under steam? 175 lbs.

Did the Surveyor examine the Safety Valves of the Donkey Boilers? - To what pressure were they afterwards adjusted under steam? 160 lbs. as requested

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? - and of the Donkey Boilers? -

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

Has the screw shaft now been drawn and examined? No Has it a continuous liner? - Is an approved oil retaining appliance fitted at the after end? -

Has 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 - State the wear down in the stern bush. 3/32"

Is electric light and/or power fitted? Yes 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? -

Engine 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.

Now done: - Vessel placed in drydock, propellers, fastenings of the stern bush and sea connections examined found or now placed in good order. Sea valves opened up cleaned examined and placed in good and efficient condition.

B.S. - The two W.T. Boilers opened up, cleaned and examined over all parts together with their economizers, superheaters, boiler mountings, safety valves and doors and found or now placed in good order.

The boilers examined under steam and their safety valves adjusted under steam as stated above. The fuel oil system pumps, piping, valves and controls examined under working condition, together with the fire extinguisher appliance and found in good order.

Annual Survey: - Carried out at this drydocking and found satisfactory.

Engines, boilers, generators, electric appliance, pumps, steering engine, anchor windlass, propellers, fastenings of the stern bush, and sea connections generally examined.

Boiler repairs: - Port Boiler: - Renewed, back wall header, inboard front side wall header, all back wall tubes, 16 side wall tubes, and bottom row of 2" generating tubes total (28).

General Observations, Opinion, and Recommendation:— P.T.O.

(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.)

The Machinery and boilers of this vessel so far as now seen, are in good and safe working condition, and eligible in my opinion to be continued as classed with record of Boiler Survey 5.54.

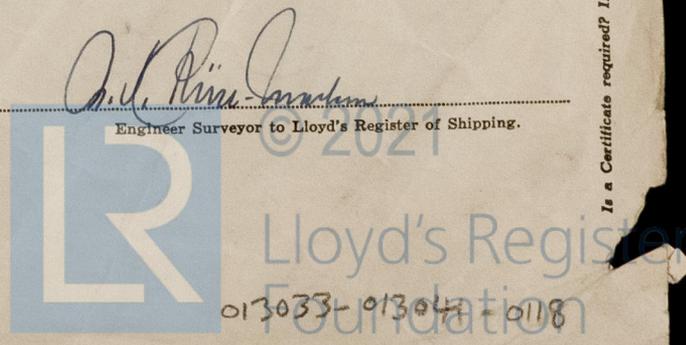
Survey Fee (per Section 29) BS & repairs \$ 210 : 00 Fees applied for 9/6/1954

Special Damage or Repair Fee (if any) (per Section 29) \$ - : - Received by me, - 19-

Travelling expenses (if chargeable) NEW YORK JUN 23 1954 \$ 6 : 00

Committee's Minute -

Assigned As now
BLRS. S.54



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

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

(S.S.) Boiler: - Renewed front side wall header, 14 side wall tubes and bottom row of generating tubes total of (28).

Also renewed both boilers side - and back wall insulation, and minor repairs to brick work. Both boilers made tight, and satisfactorily hydro. tested upon completion.

A number of minor W.T. repairs made good, and dealt with as found necessary.

Renewed headers stamped as follows.

Port boilers inb. front side wall header, N.19083. P.5564. P.C. No.161 W.P. 500 lbs. T.P. 1000 lbs. 10-22-53.

A.79B. J.U.D.

Port boilers after lower wall header, P.-5564. 280 72N. P.C. No. 171. W.P. 500 lbs. T.P. 1000 lbs. 10-22-53.

J.U.D. A79B.

(SS) boilers inb. front wall header, N19089. P.5564. P.C. No. 160. W.P. 500 lbs. T.P. 1000 lbs. 10-22-53.

A79B. J.U.D.

It was stated by Owner's Representative, the certificates for the new headers will be forward when received.

Noted
ES
[Signature]

27 JUL 1954



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