

REC'D NEW YORK JUN 13 1949

B.C. CLASS.

No. 1454 B.C.

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

Date of writing Report June 3rd. 1949 (Received at London Office)
No. in Survey held at Jacksonville, Fla. 19 Port of Jacksonville, Fla.
Book 490 on the Machinery of the Wood, Iron or Steel Single Screw "S.S. PINNACLES" (No. of Visits 7)
Gross 10448 Vessel built at Portland, Me. By whom Kaiser Co., Inc. Year. Month.
Net 6301 Engines made at 1944 When 1944
Boilers, when made (Main) 1944 By whom (Donkey) When 1944
Owners Deep Sea Tankers, Ltd. Managers (Donkey)
of Main Boilers 2 Owners' Address (if not already recorded in Appendix to Register Book.)
of Donkey Boilers - Port Montreal Voyage
Main Pressure 450 Lbs. If Surveyed Afloat or in Dry Dock Both
Main Boilers - (State name of Dock.) Merrill-Steven Co., Jacksonville, Fla. Particulars of Classification (which must be inserted precisely as in Register Book & Supplements).
Donkey Boilers - Port Montreal Voyage

Particulars of Examination and Repairs (if any) Drydocking, C.L., B.S.

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, 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.

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

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

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

Donkey "

this was not done, state for what reasons? Not available.

what parts of the Boilers could not be thus thoroughly examined? Superheater & other covered Tubes.

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? Hydraulic Pressure.

the latest date of internal examination of each boiler May 23rd & 24th. 1949

the Surveyor examine the Safety Valves of the Main Boiler? Yes

Present condition of funnel(s) Good

the Surveyor examine the Safety Valves of Donkey Boiler? -

To what pressure were they afterwards adjusted under steam? 450 Lbs.

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

To what pressure were they afterwards adjusted under steam? -

the Surveyor examine the drain plugs of the Main Boilers? Yes

, and of the Donkey Boilers? -

the Surveyor examine all the mountings of the Main Boilers? Yes

, and of the Donkey Boilers? -

screw shaft now been drawn and examined? Yes Is it fitted with continuous liner? Yes

Is an approved appliance fitted at the after end of the shaft to permit of it being efficiently lubricated? Yes

shaft now been changed? No If so, state reasons -

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? -

date of examination of Screw Shaft May 24/49

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

did the Surveyor examine the generators, motors, switchgear, cables and fuses? No

Is electric light and/or power fitted? Yes

the insulation resistance of the generators, circuits and apparatus been tested and found to be not less than 100,000 ohms? No

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

age stated to have been sustained, when the vessel grounded, October 9th. 1948 & encountering Heavy Weather February 10-12th. 1949, while vessel was on a voyage from Port La Cruz to Portland, Me.

Done: With the vessel lying in Drydock, Propeller, Stern Bush & underwater fastenings examined & found or placed in order.

Shaft - Drawn, Magnifluxed, found in order, returned to place, after Stern Bush was rewooded, Propeller refitted, hardened

Stern Gland repacked. Spring Bearing lower half rolled out, found in order & replaced.

Valves - Main High & Low Suctions - General Service - Main Condenser overboard Discharge - After Pump room Suction-ary Pump Suctions examined, found in order, repacked & closed up in good order.

Condenser - Tubes tested, for thickness, with a "Probolog" Electro Magnetic device. 200 Tubes found defective & renewed,

Condenser tested & proven tight.

Pumps - 2 - Ingersoll - Rand Pumps removed & replaced with 2 - Coffin Pumps - Type "F" - Standard small Marine - Serial

1 - F & 2522 - F. - connected to existing piping & foundations. All Feed Valves - Suction & Discharge - overhauled,

nd in - repacked & closed up in good order. Pumps tried out & proven satisfactory.

itary Feed Pump - Steam & Water ends opened up, examined, Glands repacked & closed up in good order.

Heater - Opened, tested, found tight & closed up in good order, Non return Valve renewed & replaced with Screw down Non

rn Type Valve.

eral Observations, Opinion, and Recommendation: -

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, B.S. 9,11, B.E.M.S. 9,11, & L.M.C. 9,11 or

* LM C 140 lb., F.D., &c.) CS 3,34,

The Machinery of this vessel, so far as seen, is in a good & safe condition, eligible in my opinion, to remain as

sed, with the record of B.S. - 5,49 and CL - 5,49 be made in the Register Book.

Fee (per Section 29) \$: 85.00 Fees applied for

Damage or Repair Fee (if any) \$: 70.00 June 8, 1949

(per Section 29.) \$: 30.00 Received by me,

ng expenses (if chargeable) \$: 30.00 19

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NEW YORK JUN 15 1949

Engineer Surveyor to Lloyd's Register of Shipping.

Lloyd's Register of Shipping
BRITISH
CORPORATION
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Boiler Headers - (p & s) - (4) Nipples renewed between front Mud Drums & Side Waterwall Headers.



Notes