

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

Date of writing Report Oct 11 37 When handed in at Local Office Oct 11 37 Port of New York  
 No. in Reg. Book 19794 Survey held at New York Date, First Survey Sept 28<sup>th</sup> Last Survey Oct 2<sup>nd</sup> 1937  
 on the Machinery of the Wood, Iron or Steel SS "ALADDIN" (No. of Visits 4)  
 Tonnage { Gross 6882 Vessel built at Spanns Point Ind. By whom Pittsburgh S.B. Corp. Ltd When 1921  
 Net 4220 Engines made at " By whom " When 1921  
 Nominal Horse Power 598 Boilers when made (Main) 1921 (Donkey)  
 No. of Main Boilers 3 Owners Sacramento Oil Co. Inc. Owners' Address As needed  
 No. of Donkey Boilers " Managers " Port New York Voyage  
 Steam Pressure in Main Boilers 220 lb. If Surveyed Afloat or in Dry Dock Dock (State name of Dock.)  
 in Donkey Boilers "

Last Report No. " Port "Particulars of Examination and Repairs (if any) B.S. Fastenings

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.

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? Yes

" " 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 29/9/37Present condition of funnel GoodDid the Surveyor examine the Safety Valves of the Main Boiler? YesTo what pressure were they afterwards adjusted under steam? 220 lb.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? Yes, and of the Donkey Boilers? "Did the Surveyor examine the drain plugs of the Main Boilers? Yes, and of the Donkey Boiler? "Did the Surveyor examine all the mountings of the Main Boilers? Yes, and of the Donkey Boiler? "Has 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? "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 vitae or bearing metal of stern bush and top of after bearing of screw shaft 5 1/2"

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

Is electric light and/or power fitted? YesIf the Survey is not complete, state what arrangements have been made for its completion and what remains to be done. Complete.

Now done: Keel plated on dry dock. Fastenings of propellers, outer end of stems Insul & seal connections found good.  
 Boilers examined internally & externally & found in good condition, all found or now placed in good order. Steam pipes examined & found good.  
 Safety valves adjusted under steam to 220 lb.

According to the US Certificate on Board, the main & aux steam pipes were tested to 330 lb. hydrostatic pressure at Galveston on May 9<sup>th</sup> 1927.

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

(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, E.S. 9, 11, E.S. 9, 11, L.M.C. 9, 11, or CS 8, 9, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 25, 26, 27, 28, 29, 30, 31, 32, 33, 34, 35, 36, 37, 38, 39, 40, 41, 42, 43, 44, 45, 46, 47, 48, 49, 50, 51, 52, 53, 54, 55, 56, 57, 58, 59, 60, 61, 62, 63, 64, 65, 66, 67, 68, 69, 70, 71, 72, 73, 74, 75, 76, 77, 78, 79, 80, 81, 82, 83, 84, 85, 86, 87, 88, 89, 90, 91, 92, 93, 94, 95, 96, 97, 98, 99, 100, 101, 102, 103, 104, 105, 106, 107, 108, 109, 110, 111, 112, 113, 114, 115, 116, 117, 118, 119, 120, 121, 122, 123, 124, 125, 126, 127, 128, 129, 130, 131, 132, 133, 134, 135, 136, 137, 138, 139, 140, 141, 142, 143, 144, 145, 146, 147, 148, 149, 150, 151, 152, 153, 154, 155, 156, 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