

B.C.

Rpt. 9.

No. 8762

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

(Received at London Office)

18 AUG 1952

Date of writing Report 12th June, 1952 When handed in at Local Office 12th June, 1952 Port of Vancouver, B.C.

No in Reg. Book. Survey held at Vancouver, B.C. Date First Survey 8 May, 1952 Last Survey 5th June, 1952 on the Machinery of the Wood, Iron or Steel T.S.S. "LADY ALEXANDRA" (No. of Visits 6)

Tonnage Gross 1396 Net 678 Vessel built at Montrose By whom Coaster Const. Co. Ltd. Engines made at Paisley By whom Bow, McLachlan & Co. Ltd. Boilers, when made (Main) (Donkey) 1924 Owners Union Steamships Ltd. Owners' Address - Managers - Port Vancouver, B.C. Voyage Coastwise

Last Report No. Port Dkg., Mach. Cond., B.S. Particulars of Examination and Repairs (if any) Sc. shaft drawn

Table with columns: CHARACTER, Date of last Survey and of Periodical Surveys, Years assigned now or expired, Machinery and Boiler Surveys (including date of N.B., if any). Includes entries for British Columbia coasting service, ssVcr., A.S., and fitted for oil fuel.

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.

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? Both boilers tested hydraulically to 300 lbs. p.s.i.

State latest date of internal examination of each boiler Both 2/6/52 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? 200 lbs. p.s.i.

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

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

Approved oil retaining appliance fitted at the after end? No State date of examination of Screw Shaft 3/6/52 State the wear down in the stern bush.

Engine parts, when referred to by numbers, should be counted from forward. Auxiliary machinery should be referred to by position in Machinery Space.

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

WORK DONE:- Vessel placed on Marine Railway, propeller, sea connections (opened up) and underwater fastenings examined.

The following parts now examined for Condition:- Port screwshaft drawn and examined and found in good order.

Starboard Main Engine - cylinders, pistons, valves and valve chests, crank pins and bearings, crank, thrust and intermediate shafts.

Auxiliaries - Starboard circulating pump, air pump, middle feed pump, after fuel pump examined in their entirety. Pumping arrangements, oil fuel burning and steam amothering installations examined and tested under working conditions.

GENERAL BOILER SURVEY:- Both main boilers (W.T. type) examined internally and externally with their principal mountings and the safety valves adjuster under steam to the working pressure.

FEES: Fee (per Section 29) Mach. Cond. \$30.00; Special B.S. & Damage or Repair Fee (if any) \$80.00; Screwshaft Survey (per Section 29.) \$30.00; Printing expenses (if chargeable) \$5.00

Fees applied for 7th June, 1952. Received by me, 19

Signature of Engineer Surveyor to Lloyd's Register of Shipping.

Interim Certificate issued - copy attached. General Observations, Opinion, and Recommendation:- (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 0,11, B&MS 0,11, LMC 0,11 or CS 3,34)

The machinery of this vessel is in good condition and eligible, in my opinion, to remain classed with fresh record of Blr.S. 6,52 and Port Screwshaft seen C.L. 6,52.

