

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

No. 1343

(Received at London Office

11 JUN 1949

Date of writing Report May 17th, 1949 When handed in at Local Office

19 Port of TORONTO, CANADA

No. in Survey held at Sarnia, Ont.

Date, First Survey Jan. 19th Last Survey Apr. 22nd, 1949

2767 on the Machinery of the Wood, Iron or Steel S.S. "NORONIC"

(No. of Visits 3

Tons { Gross

Net 3935  
Nominal Horse Power 805

Vessel built at Port Arthur, Ont. By whom Western Dry Dock and Shipbuilding Co. Ltd.

Year. Month.

Engines made at Cleveland, Ohio

By whom American S.B. Co.

When 1913 11

Boilers, when made (Main) 1913

(Aux. Donkey) 1913

When 1913

Owners Canada Steamship Lines Ltd.

Owners' Address As Recorded

(if not already recorded in Appendix to Register Book.)

Managers

Port Port Arthur, Ont. Voyage Great Lakes

If Surveyed Afloat or in Dry Dock Afloat  
(State name of Dock.)

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 expired	Machinery and Boiler Surveys (including date of N.B., if any)
X100A-10-48 7, 49		XLMC 1, 44
SS. Tto. No. 1 45		BS 4, 48
s.s. It. No. 4 5-38		TS 9-48 10, 45
For Service on the Great Lakes		

Last Report No. 1325 Port TORONTO, CANADA

## Particulars of Examination and Repairs (if any) Boiler Survey

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

" Aux. Donkey " " Yes

If this was not done, state for what reasons?

And what parts of the Boilers could not be thus thoroughly examined? All parts 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 January 19th, 1949

Present condition of funnel (X) Good

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

To what pressure were they afterwards adjusted under steam? 200 lbs.

Did the Surveyor examine the Safety Valves of Aux. Donkey Boiler? -

To what pressure were they afterwards adjusted under steam? 200 lbs.

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

Aux. Donkey Boilers? Yes

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

Aux. Donkey Boilers? Yes

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

Aux. Donkey Boilers? Yes

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

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

Is electric light and/or power fitted? Elect. Light

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

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

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

The four main boilers and auxiliary boiler with their mountings were examined internally and externally, and found or made in good condition.

The boilers were afterwards seen under steam and their safety valves adjusted to 200 lbs.

## Repairs Now Done

Forward Starboard Boiler - Outboard C.C. - fifty screw staybolts renewed in back head.

Center C.C. - fifty-two screw staybolts renewed in back head. Two fire cracks in furnace flange veed out and electric welded. Inboard C.C. - thirty-six screw staybolts renewed in back head. Approximately ninety plain tubes, and ten stay tubes renewed.

Forward Port Boiler - Outboard C.C. - thirty-six screw staybolts renewed in back head. Three fire cracks in furnace flange veed out and electric welded.

P.T.O.

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

(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.E.M.S. 9.11, \*L.M.C. 9.11, or \*LMC 140 lb., P.D., &c.)

in good and efficient condition, eligible, in my opinion, to remain as classed with the notation BS4.49.

Survey Fee (per Section 29) B.S. \$ 144.00

Special Damage or Repair Fee (if any) \$

(per Section 29.)

Travelling expenses (if chargeable) 36.50

Committee's Minute TUE. 5 JUL 1949

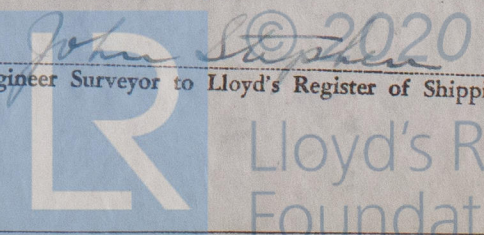
Assigned

Fees applied for May 16 19 49

Received by me, 19

A. S. J. Hall m.B. Acting Surveyor

Engineer Surveyor to Lloyd's Register of Shipping.



Lloyd's Register Foundation

W1027-0091

clear.



1343

B.D. du 449 Head

THE RECORD  
It is submitted that  
this record is eligible for  
THE RECORD.

It is submitted that  
this record is eligible for  
THE RECORD.

B.D. 449

TRun  
30.6.49

Repairs Now Done (Cont'd)

Forward Port Boiler - Center C.C. - thirty-six screw staybolts renewed in back head.  
Two fire cracks in furnace flange veed out and electric welded. Inboard C.C. - thirty-six screw staybolts renewed in back head. Two fire cracks in furnace flange veed out and electric welded.

After <sup>Port</sup> Starboard Boiler - Outboard C.C. - thirty-six screw staybolts renewed in back head. Center C.C. - thirty-seven screw staybolts renewed in back head. Smoke box bottom and side plating renewed. Inboard C.C. - thirty-seven screw staybolts renewed in back head, and one in wrapper sheet.

Auxiliary Boiler - Five stay tubes renewed. Smoke box bottom plating renewed. Starboard C.C.

After Starboard Boiler - Outboard C.C. - thirty-six screw staybolts renewed in back head. Center C.C. - fifty-one screw staybolts renewed in back head. Thirty-five plain tubes renewed. Inboard C.C. - thirty-six screw staybolts renewed in back head.

