

Report No. 122583

30 JUN 1949

THE BRITISH CORPORATION REGISTER OF SHIPPING AND AIRCRAFT
MACHINERY

No. in Reg. Book Port Toronto, Ontario.

S.S. "JOHN ERICSSON" March 30, 1949.

Annual Boiler & Machinery Survey held* Afloat at Port Colborne, Ontario.

Owners Upper Lakes & St. Lawrence Trans. Co. Ltd Electric Lighting? Yes Kws. 15

Engines: Description 3 Cyl. T.E. Made by Cleveland S.B. Co. When 1896

Cylinders, No. each Eng. 3 Diars. 22 1/2" 36" 60" Stroke 42" Cub. Ft. each L.P. Cyl.

Boilers:

Main, No. & Description 2 S.E. W.P. 150 Made by American S.B. Co. When 1914

Aux. M. Donkey Do. W.P. Made by When

Main Steam Pipes, Material steel Welded, Brazed, Seamless When Tested 3/46

Propeller Shaft, Diar. under Liner Description of Liner When Drawn 10/45

Class M.B.S. S.S. No. Due Boiler Survey Due M.S. Due

* Insert name of Dry Dock; or where, if afloat.

This vessel was examined at the request of the Owners, while she lay afloat at Port Colborne, Ontario on the 15th December, 1948 and at a subsequent date in connection with this survey.

The following items were examined and recommendations made.

Item	Recommendation
The Port and Starboard Boilers, with mountings, were examined internally and externally and were found to be generally in good condition and free from excessive scale and corrosion, with exception of:- <u>Port Boiler.</u> Plain tubes getting thin. Four stay tubes were renewed in inboard tube nest. Five stay tubes were renewed in outboard tube nest. <u>Screw stays renewed:-</u> Fifteen - Combustion Chamber back plate to boiler end plate, inboard. Twenty-three - Combustion Chamber back plate to boiler end plate, centre. Six - Combustion Chamber back plate to boiler end plate, outboard. <u>Starboard Boiler.</u> Plain tubes getting thin.	All plain tubes were renewed except lower section of centre nest, which had been renewed recently. All plain tubes to be renewed. C.O.

[OVER

First Visit 15-12-48 Last Visit 6-1-49 Boilers and Engines then in good Condition

No. of Visits 2 So far as seen

Fees \$ see hull report. Advised

Expenses Paid

\$

Chief Surveyor.

Surveyor to the British Corporation Register of Shipping and Aircraft.

ABS 3/49

H B

Lloyd's Register Foundation

013611 - 013617 - 0019

Recommendation

Item
Screw stays renewed:-
Inboard combustion chamber - twelve.
Centre " " - Seventeen.
Outboard " " - Twelve.

Boiler stools and rolling stays in order. ✓

On 28th March, 1949, the safety valves were adjusted under steam to the stipulated working pressure. ✓

Machinery examined:-

No.4 main bearing and journal examined and found in order.

I.P. cylinder and valve casing examined - in order.

I.P. piston and valve - In order.

I.P. crosshead - In order.

I.P. eccentric straps reinstalled.

Auxiliary Machinery overhauled with renewals as required and in good condition. ✓

Continuation of Class is recommended.

SURVEYOR.

The following items were examined and recommendations made:-
Plain tubes getting thin.
Boiler.
From excessive scale and corrosion, with exception of:-
Found to be generally in good condition and were
examined internally and externally and were
the foot and starboard boilers, with mountings.
Recommendation

All plain tubes were renewed except
lower section of centre nest, which
had been renewed recently.

All plain tubes to be renewed.

OVER

Condition

Boiler and
Rollers and
men in good
condition

see hull report