

Report No.

MSP

10 OCT 1949

THE BRITISH CORPORATION REGISTER OF SHIPPING AND AIRCRAFT
MACHINERY

No. in Reg. Book

Port Toronto, Ontario.

S. "PRESCOTT"

September 22, 19 49.

(New) Boilers Machinery Survey held* Afloat at Midland, Ontario.

Wners Canada Steamship Lines Ltd. Electric Lighting? yes Kws. 27

Engines: Description 3 Cyl. I.E. j.c. Made by Detroit S.B. Co. When 1903

Cylinders, No. each Eng. 3 Diars. 22" 35 1/2" 58" Stroke 42" Cub. Ft. each L.P. Cyl.

Boilers: Main, No. & Description 2 S.E. W.P. 150 Made by Dominion Bridge Co. When 1940

W.P. Made by When

Steam Pipes, Material steel Welded, Brazed, Seamless When Tested 3/49

Propeller Shaft, Diar. under Liner Description of Liner When Drawn 10/46

Ass M.B.S. S.S. No. Due Boiler Survey Due 4/50 M.S. Due

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

This ship was visited at the request of the owners as she lay afloat at Midland, Ontario on 11th January, 1949 and subsequent dates in connection with this survey.

The following items were examined and recommendations made.

Item	Recommendation
Boilers in	led at this time:
754/A1	
W.P. 225 12-8-40.	
markings.	
5554/B1	
W.P. 225 S.P. J.M. 16-8-40	

ipes - extra heavy, steel piping with flanges welded, and shipyards limited, were subjected to a hydrostatic ds per square inch on 26th March, 1949 and found

I.D. 8-5/8" O.D.

6" I.D. 5-5/8" O.D.

utings (bronze)

ves - Cockburn Morrison 2-3/4" T.P. 675 J.S. 22-3-41 Valve

1.P. 450 H.W.M.

top valve 1.P. 450 J.S. 22-3-41

down

NO other data available. 1-49 Last Visit 4-4-49

Boilers and Engines then in good Condition

4 so far as seen

Advised

Paid

Surveyor to the British Corporation Register of Shipping and Aircraft.

New Boilers 8/40 fitted 4/49

MSP 3/49

Brack items

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004810-004816-0168

Item
Starboard Boiler.

Safety valves - Cockburn Morrison 2-3/4"

B.C.T-1375B T.P.675 H.W.M. 13-3-41

Main stop valve

B.C.T-1210 I.P.450 J.S. 1-12-40

Auxiliary stop valve

B.C. T-1603B T.P.450 J.S. 22-3-41

Feed check valves T.P.625 16-5-41

B.C.T-1388 I.P.583 H.W.M. 28-3-41

Surface blow down

B.C.T. I.P.625 1-10-40

No other data available.

On completion of installation, the boilers were subjected to hydrostatic test of 275 lbs/sq.in. and found satisfactory.

Boiler stools new at this time.

Tank top plating renewed from front stools of boiler to aft bulkhead of cross bunker. Water tested 4-4-49 and found satisfactory.

Machinery.

Jet condensing.

H.P. cylinder examined and found to be porous.

H.P. cylinder to be renewed.

The new H.P. cylinder was manufactured by the Collingwood Shipyards Limited, Collingwood, Ontario. (see attached copy of Certificate of test)

Stamp Marks:- B.C. T-13675 T.P.280lbs/sq.in. L.P. 19-3-49

On 4th April, 1949, the main engines were found satisfactory. Steering gear operated and

I.P. cylinder examined and found satisfactory.

L.P. cylinder examined and found satisfactory.

Auxiliary Machinery

Overhauled, with renewals as required and found satisfactory.

Two forced draught fans supplying air to a common trunk. Dampers arranged so that one or both fans may be used for supply.

Fan Engine Makers:- James Howden & Co. Ltd., Glasgow
Type F2 Single Cylinder, Vertical, Steam Reciprocating
engine Nos. M.E.806 and M.E.807.

At this time the electric wiring was renewed throughout. Megger tested and in good condition. A new main switchboard installed at this time.

On 4th April, 1949, the safety valves were adjusted to the stipulated working pressure (150 lbs/sq.in.).

Continuation of Class is recommended.



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