

TSD MSP

Report No.

THE BRITISH CORPORATION REGISTER OF SHIPPING AND AIRCRAFT MACHINERY

No. in Reg. Book Port Toronto, Ont.

S.S. "HOWARD HINDMAN" July 7, 19 49.

Afloat &

Tailshaft, Docking, Annual Boiler Survey held* in Drydock at Collingwood, Ont.,
& Part Machinery

Owners Hindman Transportation Co. Ltd. Electric Lighting? Yes Kws. 23

Engines:
Description 3 Cyl. T.E. Made by Cleveland S.B. Co. When 1890

Cylinders, No. each Eng. 3 Diars. 17" 29" 47" Stroke 36" Cub. Ft. each L.P. Cyl.

Boilers:

Main, No. & Description 2 W.T. W.P. 160 Made by Foster Wheeler Ltd. When 1943

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

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

n.t.s. 3/43

Propeller Shaft, Diar. under Liner Description of Liner none When Drawn 2/49

Class 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 vessel was examined at the request of the Owners, while she lay afloat at Collingwood, Ontario on the 21st December, 1948 and subsequent dates in drydock 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> Ten tubes were found to have been plugged. One roof tube warped.	To be renewed. C.O.
<u>Starboard Boiler.</u> Seventeen tubes plugged. Two roof tubes sagged.	To be renewed. C.O.
<u>Both Boilers:-</u> Roof bricks have become detached and are lying on roof tubes. Boiler stools in good condition. Boilers subjected to a hydrostatic test of 180 lbs/sq.in. and found satisfactory.	All roof bricks to be rebolted in place. C.O.

On 4th April, 1949, the safety valves were adjusted under steam to the stipulated working pressure, by a representative of the Canadian Steamship Inspection.

Machinery.
Crankshaft and all main bearings examined and found in order.

I.P. cylinder and piston in order.

Main Steam pipes tested 3/49.

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First Visit 21-12-48 Last Visit 2-2-49 Boilers and Engines then in good Condition

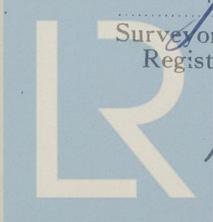
No. of Visits 3 so far as seen

Fees \$1/s 20.00 Advised 18-5-49

Expenses Paid

\$ 20.00

J. Stevenson
Surveyor to the British Corporation
Register of Shipping and Aircraft.



Lloyd's Register of Shipping and Aircraft
Foundation

Blk 3 4/49

Shaft 4/49

m s b 3/49

mach items

Chief Surveyor.

4400-019200-0044
002602-002610-0044

<u>Item</u>	<u>Recommendation</u>
<u>Steering engine</u> :--overhauled with one valve spindle renewed and in good condition.
<u>Auxiliary machinery</u> overhauled with renewals as required.
At this time a new <u>independent feed pump</u> was installed:--Smart Turner Mfg. Co. Ltd., Hamilton, Ont.
<u>Generator engines</u> :--overhauled and in good condition. 8 K.W. engine - cylinder block removed. Valve chamber bored out and new piston valve fitted.
<u>Propeller and fastenings</u> :--examined and found in order after 4 new propeller blades fitted. 4 Blades, cast iron, right hand. Diameter of propeller 12'-0" Pitch 13'9"
<u>Propeller shaft</u> :--drawn outboard for examination and found satisfactory.
<u>Sea cocks</u> :--opened up for examination and found satisfactory. Overhauled and closed up in good condition.

Continuation of Class is recommended.

J. Stevenson
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SURVEYOR.



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