

Rpt. 9

Date of writing report 15-6-59

Survey held at Toronto, Ontario

No.

Received London

No. of visits 2

Port Toronto

First date 12-12-58

No. 3853

Last date 17-12-58

REPORT OF PERIODICAL SURVEYS & REPAIRS OF MACHINERY

No. in R.B. 79117 Name S.S. "SHELTON WEED"

Owners Upper Lakes & St. Lawrence Transportation Co. Ltd.

Managers

J. D. Leitch

Gross tons 1745 Date of build 1925 - 4

Port of Registry Toronto

Engines made Hull By Earle's Co., Ltd.

Type Steam reciprocating

No. of Main Engines 1 No. of Screws 1

No. of Main Boilers 25 B W.P. 180 lb.

No. of Aux./Donkey Boilers W.P.

Surveyed Afloat or in Dry Dock afloat

Nature of Survey annual

Was Damage Report issued? Int. Cert.?

Last Report (For Head Office only)

Records of Survey & Special Notations as per Register Book

Hull	Machinery
BS* Great Lakes & Ltd.,	MBS*
Gulf of St. Lawrence	ES 4/55
service	M 2/58
Lake SS 4/55	CL 3/55
AS 4/58	SPS 1/55
DS 4/55	

The condition of any of the following items is to be described as "good" only when the part has been examined, found or placed in good condition, and is considered to be acceptable until the due date of the next Periodical Examination. Where it is considered that re-examination or repairs should be effected before the due date of the next Periodical Examination a distinguishing mark thus † should be inserted against the item and the circumstances and action recommended described fully under "defects and repairs". At part or complete Special Surveys those items which are not applicable to the ship should be cancelled with a black line; this need not be done when the machinery is on a continuous survey basis. When any part has been subjected to pressure test this should be stated. Engine parts when referred to by numbers should be counted from forward.

DOCKING Propellers Wear Down of Stern Bushes Oil Glands Sea Connections

Fastenings Has Screwshaft/Tubeshaft been drawn? Date of Examination Has Shaft been changed?

Has Shaft now fitted been previously used? Has Shaft now examined/fitted a continuous liner? Approved oil gland?

MAIN ENGINES (Recip. Steam or I.C.)

PORT

STARBOARD

1 Cyls., Covers, Pistons & Rods IP - Good

2 Valves & Gears IP - Good

3 Connecting Rods, Top Ends & Guides Side

Centre LP Good

IP & HP Guide & Shoes only - Good

4 Crankpins & Bearings Side

Centre LP Good

5 Journals & Bearings

MAIN ENGINE DRIVEN AIR COMPRESSORS

6 Cyls., Covers, Pistons & Rods

7 Connecting Rods & Top Ends

8 Crankpins & Bearings

9 Journals & Bearings

10 Coolers & Safety Devices

MAIN ENGINE DRIVEN SCAVENGE PUMPS

11 Cyls., Covers, Pistons & Rods

12 Connecting Rods & Top Ends

13 Crankpins & Bearings

14 Journals & Bearings

15 Levers

16 SCAVENGE BLOWERS

17 SUPERCHARGERS

MAIN TURBINES

18 Casings, Rotors, Blading, Bearings & Thrusts

19 EXHAUST STEAM TURBINES (WITH RECIP. ENGINES)

20 STEAM COMPRESSORS

21 CLUTCHES & HYDRAULIC COUPLINGS

22 REDUCTION GEARING

23 THRUST BLOCKS, SHAFTS & BEARINGS

24 INTERMEDIATE SHAFTS & BEARINGS

25 HOLDING DOWN BOLTS & CHOCKS

26 CONDENSERS (MAIN & AUX.)

27 STEAM RE-HEATERS

28 DE-SUPERHEATERS

29 STOP & MANOEUVRING VALVES

30 MAIN ENGINE DRIVEN PUMPS

31 CRANKCASE DOORS & EXPLOSION RELIEF DEVICES

Have Main Engines been tested working and manoeuvring?

OPINION OF MACHINERY AND RECOMMENDATIONS This vessels machinery so far as now seen is in good condition, eligible in my opinion to renew as classed and to have the record MBS 12.58 and ES (with deck) when the surveys have been completed.

Date of Committee

Decision

25 AUG 1959

30m, 6, 35. T. (MADE AND PRINTED IN ENGLAND)

Noted for Header

Engine Surveyor to Lloyd's Register of Shipping
F. G. H. White.
Lloyd's Register Foundation

005311-005317-0264

32 Essential Independent Pumps (Identify by position).....
33 Bilge, Ballast & Oil Fuel Suction Lines, Fittings & Controls..... Good
34 Have the remaining Piping Arrangements & Fittings in the machinery space been examined as considered necessary?.....
35 Fresh Water Coolers..... 36 Lub. Oil Coolers..... 37 Heaters (state service) HP Feed - Good
38 Independent Air Compressors, Coolers & Safety Devices.....
39 Air Receivers & Safety devices—Main..... 40 Auxiliary.....
41 Oil Fuel Tanks (Not forming part of hull structure).....
42 Evaporators..... 43 Have Evaporator Safety Valves been tested under steam?.....
44 Steering Machinery..... 45 Windlass Good 46 Fire Extinguishing Arrangements.....

AUXILIARY ENGINES (Identify by position)..... 10 Kw (Sted) Generator Engine - Good Reversing Engine - Good

		ELECTRICAL EQUIPMENT	
PROPULSION		PORT	STARBOARD
a Generators			
b Exciters			
c Air Coolers			
d Motors			
e Air Coolers			
f Control Gear, Cables, etc.			
g Insulation Resistance			
h Insulating Oil Test			
i Overspeed Governors			
j Magnetic Couplings			
k Air Gap			
		AUXILIARY EQUIPMENT	
		l Generators & Governors	
		m Motors	
		n Switchboards & Fittings	
		o Circuit Breakers	
		p Cables	
		q Insulation Resistance	
		r Steering Gear Generators and Motors	
		s Navigation Light Indicators	

BOILERS OPENED UP & EXAMINED (Identify by position and state latest date of internal examination of each boiler)

MAIN P.12.12.58 St. 17.12.58
Good Good
Superheaters -
Safety Valves Good
Mountings, Doors & Fastenings Good
Safety Valves Adjusted to Sat. Not yet adjusted
Spt.
Boiler Securing Arrangements Good
Main Economisers Exhaust Gas Heated Economisers
Steam Heated Steam Generators Steam Generator Safety Valves Adjusted to
Were Oil Burning System & Remote Controls examined working in accordance with Rules? - Forced Circulating Pumps
Have Saturated Steam Pipes in cylindrical boiler smoke boxes been examined as required by Rules? Funnel Good

EXAMINATION & TESTING OF STEAM PIPES (State material)

Main Auxiliary (over 3 in. bore)
Were Copper Pipes annealed? Have Saturated Pipes in cylindrical boiler smoke boxes been tested?

PARTICULARS OF DEFECTS & REPAIRS, ETC. (Damage repairs should be detailed separate from wear and tear repairs; state what action has been taken regarding items which are subjects of class)

Note:- To complete the Boiler survey the safety valves remain to be adjusted.
At the Owners request this item has been defferred until such time as
steam is raised and the vessel commissioned.

Engine Survey. To complete the survey the following items remain to
be examined:-
Main Bearings & Journals
Thrust Shaft Bearings & Block.
Electrical installation to be tested to Rule Requirements.

LEAVE THIS SPACE BLANK

Survey fees Part MBS & Part ES
\$85.00

Damage fee
Expenses... 5.00

Date when A/c rendered

JUL 15 1959

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Foundation