

Rpt. 9

Date of writing report 10.8.57  
Survey held at GLASGOW

Received London 21 AUG 1957  
No. of visits 7

Port GLASGOW  
First date 18.6.57  
No. 47181  
Last date 9.8.57

REPORT OF PERIODICAL SURVEYS & REPAIRS OF MACHINERY

No. in R.B. 67357 Name M.V. LAIRDSCASTLE  
Owners BURNS & LAIRD LINES LTD  
Engines made 1919 By CALEDON S.B. & E. CO LTD  
No. of Main Engines 1 No. of Screws 1  
No. of Main Boilers 2 S.B. W.P. 185 LB  
No. of Aux./Donkey Boilers 1 W.P. 1  
Surveyed Afloat or in Dry Dock BOTH  
Nature of Survey T.S.C.L., M.B.S. & DOCKING  
Was Damage Report issued? No Int. Cert.? YES  
Last Report (For Head Office only)

Gross tons 1434 Date of build 1919-3  
Port of Registry GLASGOW  
Type T.S.C.L. 21" 34" x 56" x 39"

Records of Survey & Special Notations as per Register Book

Hull	Machinery
B.S.#	M.B.S.#
6.56	9.54
5.5	M.B.L.R.S.
GLS (Dr)	6.56
9.54	T.S.C.L.
	6.55
	S.P.S.
	6.55
	O.F.

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 GOOD Wear Down of Stern Bushes RE-WOOD Oil Glands ✓ Sea Connections GOOD  
Fastenings GOOD Has Screwshaft Tubeshaft been drawn? YES Date of Examination 18.6.57 Has Shaft been changed? No  
Has Shaft now fitted been previously used? ✓ Has Shaft now examined/fitted a continuous liner? YES Approved oil gland? ✓

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

PORT

STARBOARD

1 Cyls., Covers, Pistons & Rods  
2 Valves & Gears  
3 Connecting Rods, Top Ends & Guides Side  
Centre  
4 Crankpins & Bearings Side  
Centre  
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

SCAVENGE BLOWERS

SUPERCHARGERS

MAIN TURBINES

16 Casings, Rotors, Blading, Bearings & Thrusts

EXHAUST STEAM TURBINES (WITH RECIP. ENGINES)

STEAM COMPRESSORS

CLUTCHES & HYDRAULIC COUPLINGS

REDUCTION GEARING

THRUST BLOCKS, SHAFTS & BEARINGS

INTERMEDIATE SHAFTS & BEARINGS

HOLDING DOWN BOLTS & CHOCKS

CONDENSERS (MAIN & AUX.)

STEAM RE-HEATERS

DE-SUPERHEATERS

STOP & MANOEUVRING VALVES

MAIN ENGINE DRIVEN PUMPS

CRANKCASE DOORS & EXPLOSION RELIEF DEVICES

Have Main Engines been tested working and manoeuvring?

OPINION OF MACHINERY AND RECOMMENDATIONS The machinery of this vessel so far as now seen is in safe working condition and eligible, in my opinion, to remain as classed with fresh records of T.S.C.L. 6.57 and M.B.S. 8.57, now.

Date of Committee

Decision

T.S.C.L. 6.57

M.B.S. 8.57

50m, 6.56, T. (MADE AND PRINTED IN ENGLAND.)

Noted for Header

Engineer Surveyor to Lloyd's Register of Shipping

004184-004193-0086.1



32 Essential Independent Pumps (Identify by position).....  
33 Bilge, Ballast & Oil Fuel Suction Lines, Fittings & Controls.....  
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).....  
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..... 46 Fire Extinguishing Arrangements.....

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

BOILERS OPENED UP & EXAMINED (Identify by position and state latest date of internal examination of each boiler)  
MAIN 24.6.57 STARBOARD, 9.7.57 PORT — GOOD AUXILIARY, DONKEY or PRESS.....  
Superheaters.....  
Safety Valves PORT & STARBOARD — GOOD  
Mountings, Doors & Fastenings PORT & STARBOARD — GOOD  
Safety Valves Adjusted to Sat. PORT & STARBOARD — 185 LBS.  
Spt.....  
Boiler Securing Arrangements PORT & STARBOARD — 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? YES Forced Circulating Pumps.....  
Have Saturated Steam Pipes in cylindrical boiler smoke boxes been examined as required by Rules? Funnel EFFICIENT

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)  
STARBOARD BOILER — 60 PLAIN TUBES CENTRE COMBUSTION CHAMBER RENEWED  
51 PLAIN TUBES PORT COMBUSTION CHAMBER RENEWED  
APPROX. 20 RIVETS RENEWED ALONG BOTTOM CENTRE FURNACE MOUTH SEAM.  
PORT BOILER — ALL PLAIN TUBES RENEWED IN CENTRE & PORTBOARD COMBUSTION CHAMBERS.

LEAVE THIS SPACE BLANK

MRS. Survey fees 16-0-0 x  
T.S.C.L. 5-0-0 x

Damage fee .....

Expenses... 10-12-0

Date when A/c rendered 20 AUG 1957

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