

Rpt. 9

Date of writing report 10.8.57 Received London 21 AUG. 1957 Port GLASGOW No. 47181
Survey held at GLASGOW No. of visits 7 First date 18.6.57 Last date 9.8.57

REPORT OF PERIODICAL SURVEYS & REPAIRS OF MACHINERY

No. in R.B. 67357 Name M.V. LAIRDSCASTLE Gross tons 1434 Date of build 1919-3
Owners BURNS & LAIRD LINES LTD Managers Port of Registry GLASGOW
Engines made 1919 By CALEDON S.B. & E. CO LTD Type T.S.C.L. 21" 34" x 56" x 39"

Records of Survey & Special Notations as per Register Book

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

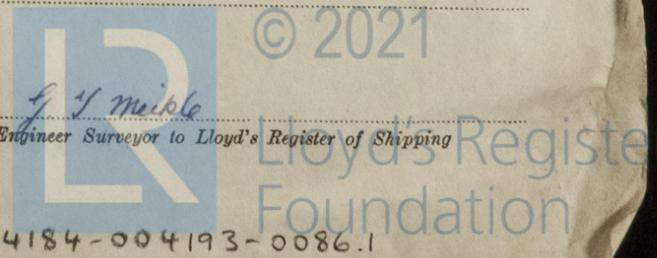
The condition of any of the following items is to be described as "good" only when the part has been examined, found or placed in good condition, and is considered to be acceptable until the due date of the next Periodical Examination. Where it is considered that re-examination or repairs should be effected 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
- 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 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 periods of T.S.C.L. 6.57 and M.B.S. 8.57, non.

Date of Committee GLASGOW 20 AUG 1957 Decision T.S.(CL). 6.57 M.B.S. 8.57 J.W.



004184-004193-0086.1

Noted for Header

Has a Survey also been held on Ship? If so, is the Report sent now, or when will it be sent? Yes Now

If certificate is required state where to be sent.

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)

PROPULSION	ELECTRICAL EQUIPMENT		AUXILIARY EQUIPMENT
	PORT	STARBOARD	
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 & OUTBOARD COMBUSTION CHAMBERS

LEAVE THIS SPACE BLANK

MRS. Survey fees £ 16-0-0 x

T.S.C.L. £ 5-0-0 x

Damage fee

Expenses... £ 0-12-0

Date when A/c rendered 20 AUG 1957

ST. PETER'S

29 AUG 1957