

22 OCT 1958

Rpt. 9

Date of writing report Received London Port BELFAST No. 16540
Survey held at BELFAST No. of visits 6 First date 4.9.58 Last date 29.9.58

REPORT OF PERIODICAL SURVEYS & REPAIRS OF MACHINERY

No. in R.B. 56989 Name S.S. "CLARECASTLE" Gross tons 670 Date of build 12-1914
Owners ARTHUR S. DAVIDSON LTD Managers Port of Registry BELFAST
Engines made 1919 By HITCHISON BLAIR LTD Type 13CY

Records of Survey & Special Notations as per Register Book

	Hull	Machinery
No. of Main Engines / No. of Screws	1 / 1	1 / 1
No. of Main Boilers	1 W.P. 180 LBS/SQ	1 W.P. 180 LBS/SQ
No. of Aux./Donkey Boilers	NONE W.P.	NONE W.P.
Surveyed Afloat or in Dry Dock	BOTH	BOTH
Nature of Survey	M.B.S., T.S.(C.L.), DOCKING	M.B.S., T.S.(C.L.), DOCKING
Was Damage Report issued?	No	Int. Cert. YES
Last Report (For Head Office only)		

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.

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

DOCKING Propellers GOOD Wear Down of Stern Bushes REWOODDED Oil Glands Sea Connections
Fastenings GOOD Has Screwshaft been drawn? YES Date of Examination 22.9.58 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
- Cyls., Covers, Pistons & Rods
 - Valves & Gears
 - Connecting Rods, Top Ends & Guides (Side, Centre)
 - Crankpins & Bearings (Side, Centre)
 - Journals & Bearings
 - MAIN ENGINE DRIVEN AIR COMPRESSORS
 - Cyls., Covers, Pistons & Rods
 - Connecting Rods & Top Ends
 - Crankpins & Bearings
 - Journals & Bearings
 - Coolers & Safety Devices
 - MAIN ENGINE DRIVEN SCAVENGE PUMPS
 - Cyls., Covers, Pistons & Rods
 - Connecting Rods & Top Ends
 - Crankpins & Bearings
 - Journals & Bearings
 - Levers
 - SCAVENGE BLOWERS
 - SUPERCHARGERS
 - MAIN TURBINES
 - 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

OPINION OF MACHINERY AND RECOMMENDATIONS Have Main Engines been tested working and manoeuvring?
The machinery of this ship so far as now seen is in good condition and eligible in my opinion to remain as now classed with fresh records of M.B.S. 9, 58 and T.S.(C.L.) 9, 58.

MONDAY 17 NOV 1958

Date of Committee Decision MBS 9, 58 T.S. 9, 58

50m. 5.56. T. (MADE AND PRINTED IN ENGLAND.)

Noted for Header

D.O. Carmichael
Engineer Surveyor to Lloyd's Register of Shipping
Lloyd's Register Foundation
002701-002710-0006-4

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)

ELECTRICAL EQUIPMENT

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

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

MAIN (4. 9. 58) - GOOD. AUXILIARY, DONKEY or PRESS

Superheaters GOOD.

Safety Valves GOOD.

Mountings, Doors & Fastenings 180 LBS/0".

Safety Valves Adjusted to { Sat.
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 separately from wear and tear repairs; state what action has been taken regarding items which are subjects of class)

Repairs (Wear & tear) M.B.S.: Several cracks in centre combustion chamber backplate landing cut out and built up with electric welding.
Port and centre combustion chamber backplates, slight grooving found in way of top inboard and outboard knuckles on water side. Grooving cut out and built up with electric welding.
Three c.c. stays renewed and several stays caulked.
Front collision check renewed.

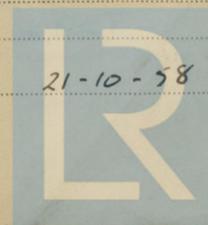
Mountings: Both safety valve seats renewed. all mountings overhauled and placed in good order.

LEAVE THIS SPACE BLANK

Survey fees M.B.S. £ 8-0-0.
T.S.(C.L.) £ 5-0-0.

Damage fee
Expenses... ..

Date when A/c rendered 21-10-58.



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