

Rpt. 9

Date of writing report

Survey held at BELFAST

Received London

No. of visits

15 SEP 1958

Port BELFAST

First date 6-6-58

Last date

No. 16515

28-8-58

REPORT OF PERIODICAL SURVEYS & REPAIRS OF MACHINERY

No. in R.B. 56007 Name S.S. 'CARROWDORE' Gross tons 660 Date of build 2-1914
Owners A. S. DAVIDSON Managers Port of Registry BELFAST
Engines made 1914 By AITCHISON BLAIR & CO LTD Type STEAM RECIP
No. of Main Engines ONE No. of Screws ONE
No. of Main Boilers ONE SB W.P. 180lb
No. of Aux./Donkey Boilers — W.P. —
Surveyed Afloat or in Dry Dock BOTH
Nature of Survey DOCKING T.S. CL & BS
Was Damage Report issued? Int. Cert.? YES
Last Report (For Head Office only)

Records of Survey & Special Notations as per Register Book

Hull	Machinery
* 100A1	* LMC
SS. BEL	BS
or 12-50	TSCCL
	sps
6-57	9-55
9-55	7-57
	8-55
	8-55

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 Propeller Good Wear Down of Stern Bushes 1/8" Oil Glands — Sea Connections —
Fastenings Good Has Screwshaft Tubeshaft been drawn? YES Date of Examination 13-8-58 Has Shaft been changed? No
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

- 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

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 a safe working condition, and eligible in our opinion to remain as now classed and have a fresh record of B.S. 8-58 & T.S. CL 8-58

TUESDAY 30 SEP 1958

Date of Committee

Decision

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

Noted for Header

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D.O. Barnichael
Engineer Surveyor to Lloyd's Register of Shipping
Lloyd's Register Foundation

002667-002673-0121

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)

Table with 4 columns: PROPULSION, PORT, STARBOARD, ELECTRICAL EQUIPMENT, and AUXILIARY EQUIPMENT. Rows include Generators, Exciters, Air Coolers, Motors, Control Gear, Cables, etc., Insulation Resistance, Insulating Oil Test, Overspeed Governors, Magnetic Couplings, Air Gap, and various electrical components like Switchboards & Fittings, Circuit Breakers, Cables, etc.

BOILERS OPENED UP & EXAMINED (Identify by position and state latest date of internal examination of each boiler)
MAIN 8-8-58 GOOD
AUXILIARY, DONKEY or PRESS
Superheaters
Safety Valves
Mountings, Doors & Fastenings
Safety Valves Adjusted to Sat. 180lb GOOD
Spt.
Boiler Securing Arrangements
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)

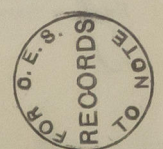
Boiler repair

Boiler end plate in way of main feed check found grooved and wasted, also a considerable number of plain tubes found deeply grooved and wasted in way of combustion chamber tube plates. Defective section of back end plate cut out and new section fitted, examined prior to electric welding. All plain tubes removed and front end back tube plates examined & set of new plain tubes fitted. (tested material). On completion of repairs the boiler examined under hydraulic pressure of 200lb and found tight, subsequently examined under steam.

MBS due 7/58 now held, and drawings examined.

It is submitted that this vessel is eligible for THE RECORD. MBS 8/58 TS(CL) 8/58

LEAVE THIS SPACE BLANK



Survey fees BS £ 8-0-0
Repairs £ 4-0-0
TSCL £ 5-0-0

Damage fee
Expenses
Date when A/c rendered 4-9-58

