

Rpt. 9

5 SEP 1958

Date of writing report

Received London

Port BELFAST

No. 16515

Survey held at BELFAST

No. of visits 7

First date 6-6-58

Last date 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	6-57	* LMC	9-55
SS. BEL	9-55	BS	7-57
	or 12-50	TSCCL	8-55
		sps	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 Propellers 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

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 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

TS 8-58 As now HBS 8-58

50m, 6, 56. T. (MADE AND PRINTED IN ENGLAND.)

Noted for leader



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D.O. Barnichael

Engineer Surveyor to Lloyd's Register of Shipping

Lloyd's Register Foundation

002667-002673-0121

If so, is the Report sent now, or when will it be sent?

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 **Good**

AUXILIARY ENGINES (Identify by position)

		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
g	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 **8-8-58** **Good** AUXILIARY, DONKEY or PRESS

Superheaters -

Safety Valves **Good**

Mountings, Doors & Fastenings **Good**

Safety Valves Adjusted to { Sat. **180lb** **Good**
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)

Boiler repairs

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

Superficial 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 & a 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
sewer shaft examined.

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

Sub
24/9/58



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



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