

Rpt. 9

Date of writing report 30.7.58.

Received London

Port SOUTHAMPTON.

No. 24993.

Survey held at Guernsey & Southampton.

No. of visits 4.

First date 10.7.58.

Last date 20.7.58.

REPORT OF PERIODICAL SURVEYS & REPAIRS OF MACHINERY

No. in R.B. 53618. Name M.V. "BELGRAVE".

Gross tons 1076

Date of build 1-1938.

Owners O. Dorey & Sons Ltd.

Managers

Port of Registry Guernsey.

Engines made 1938 By N.E. Marine Eng. Co. Ltd. Newcastle.

Type Triple Exp. 3 Cyl.

No. of Main Engines 1 No. of Screws 1

Records of Survey & Special Notations as per Register Book

No. of Main Boilers 1 S.B. W.P. 220 lb.

No. of Aux./Donkey Boilers - W.P. -

Surveyed Afloat or in Dry Dock Both.

Nature of Survey B.S. Dkg. & General Exam.

Was Damage Report issued? - Int. Cert.? Yes.

Last Report (For Head Office only)

Hull	Machinery
† 100 Al with freeboard.	† LMC E.S. 9.54
S.S. Rot. 9.54	B.S. 8-57. sps 9.54.
Docking 8.56	TS CL. 8.56.
	N.D.

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 7/32" Oil Glands Sea Connections Good.
Fastenings Good. Has Screwshaft Tubeshaft been drawn? No. Date of Examination Has Shaft been changed?
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 Good.
2 Valves & Gears Good.
3 Connecting Rods, Top Ends & Guides Side Good.
4 Crankpins & Bearings Side Good.
5 Journals & Bearings Nos. 4 & 5. Good.

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 Good.

24 INTERMEDIATE SHAFTS & BEARINGS

25 HOLDING DOWN BOLTS & CHOCKS Good.

26 CONDENSERS (MAIN & AUX.) Good.

27 STEAM RE-HEATERS

28 DE-SUPERHEATERS

29 STOP & MANOEUVRING VALVES

30 MAIN ENGINE DRIVEN PUMPS Good.

31 CRANKCASE DOORS & EXPLOSION RELIEF DEVICES

Have Main Engines been tested working and manoeuvring? Yes.

OPINION OF MACHINERY AND RECOMMENDATIONS The machinery of this vessel as now seen is in good and safe working condition and eligible, in my opinion, to remain as classed with fresh record of Boiler Survey 7.58 now.

Date of Committee

TUESDAY - 2 SEP 1958

Decision

H now MBS 7.58

40m, 4.57. T. (MADE AND PRINTED IN ENGLAND.)

A.G. Pemberton.
Engineer Surveyor to Lloyd's Register of Shipping

013260-013267-0118

Lloyd's Register
Foundation

32 Essential Independent Pumps (Identify by position) Auxiliary Feed Pump (Port) and bilge & ballast pump (starbd.). Good.
33 Bilge, Ballast & Oil Fuel Suction Lines, Fittings & Controls Generally examined and found good.
34 Have the remaining Piping Arrangements & Fittings in the machinery space been examined as considered necessary? Yes.
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 Good. 45 Windlass Good. 46 Fire Extinguishing Arrangements

AUXILIARY ENGINES (Identify by position)

PROPULSION	PORT	STARBOARD	ELECTRICAL EQUIPMENT	AUXILIARY EQUIPMENT
a Generators				l Generators & Governors Good.
b Exciters				
c Air Coolers				m Motors
d Motors				
e Air Coolers				n Switchboards & Fittings Good
f Control Gear, Cables, etc.				o Circuit Breakers
g Insulation Resistance				p Cables Good
h Insulating Oil Test				q Insulation Resistance Satisfactory.
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 Boiler Good. AUXILIARY, DONKEY or PRESS
Examined internally 10.7.58.
Superheaters
Safety Valves Good.
Mountings, Doors & Fastenings Good.
Safety Valves Adjusted to { Sat. 220 lbs. per sq. inch.
Sph.
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 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)

Main Thrust Block. Ahead bearing pads renewed. Cooling coil repaired.
Boiler mountings. Valves overhauled and machined as necessary.
Minor repairs also carried out.

LEAVE THIS SPACE BLANK

Survey fees BS. £8.0.0.
E.S. General Exam. 5.0.0.
Sunday Attendance. 5.5.0.

Damage fee ... ✓
Expenses... 13.14.6.

Date when A/c rendered 31/7/58.

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