

Rpt. 9

Date of writing report 23.6.61.

Survey held at Birkenhead

Received London

No. of visits 2

Port Liverpool

First date 15.6.61.

Last date 21-6-61

No. 156897

REPORT OF PERIODICAL SURVEYS & REPAIRS OF MACHINERY

No. in R.E. 86433 Name M.V. "WORCESTERSHIRE"

Owners Bibby Line Ltd

Managers Bibby Bros. & Co.

Gross tons 10322

Date of build 1931

2

Engines made 1931

By

Fairfield Co. Ltd.

Port of Registry Liverpool

No. of Main Engines 2

No. of Screws 2

Type 2SA each 8Cy

No. of Main Boilers -

W.P. -

Records of Survey & Special Notations as per Register Book

No. of Aux./Donkey Boilers 1

W.P. 120 lbs

Surveyed Afloat or in Dry Dock

Afloat

Nature of Survey

C.S. and D.B.S.

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.

DOCKING Propellers

Wear Down of Stern Bushes

Oil Glands

Sea Connections

Fastenings

Has Screwshaft Tubeshaft been drawn?

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

(Reciprocating I.C.)

PORT

STARBOARD

1 Cyls., Covers, Pistons & Rods

2 Valves & Gears

3 Connecting Rods, Piston
Top Ends & Guides

4 Crankpins &
Bearings

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? No

OPINION OF MACHINERY AND RECOMMENDATIONS The machinery of this vessel so far as now seen is in our opinion eligible to remain as classed with fresh record of C.S. (with date) on completion of the survey and D.B.S. 6, 61 now.

Date of Committee

Decision

LIVERPOOL 11 JUL 1961

as now

50m,4,59 T. (MADE AND PRINTED IN ENGLAND)

Engineer Surveyor to Lloyd's Register of Shipping

F.C. Lloyd.

003154-003161-0115

32 Essential Independent Pumps (Identify by position)..... Main bilge pump - Good
33 Rge, Ballast & Oil Fuel Suction Lines, Fittings & Controls.....
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 | 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..... AUXILIARY, DONKEY EXPRESS 15.6.61. Good
Superheaters.....
Safety Valves..... Good
Mountings, Doors & Fastenings..... Good
Safety Valves Adjusted to { Sat. 120 lbs
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? Yes 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)

The Owners' Superintendent stated the C.S. would be completed before the end of October, 1961.

LEAVE THIS SPACE BLANK

Noted.
CS. completed -
14/7/61

Survey fees
ABSL 4-0-0
CS 12-0-0

Damage fee ...
Expenses ...
Date when A/c rendered