

Rpt. 9 /NP

Date of writing report 22.1.62.

Survey held at Jarrow on Tyne

Received London

No. of visits 8

Port

NEWCASTLE-ON-TYNE

First date 19.12.61.

Last date 16.1.62.

No. 118577

REPORT OF PERIODICAL SURVEYS & REPAIRS OF MACHINERY

No. in R.B. 13183 S.S. "GUERNSEY"

Gross tons 1469 Date of build 9-1934

Owners Leighton Shipping Co.Ltd.

Managers

Port of Registry London

Engines made 1934 By Barclay Curle & Co.Ltd.

Type T3cy. 14 1/2" 25" & 41" x 33"

No. of Main Engines 1 No. of Screws 1

Records of Survey & Special Notations as per Register Book

No. of Main Boilers 2 W.P. 200 lb. spt.

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

Surveyed Afloat or in Dry Dock Afloat

Nature of Survey B.S. & Machy. repair

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

Last Report (For Head Office only)

Hull

Machinery

DS*

MBS*

Ice strengthening

ES 2/61

SS 11/55

MBS 2/61

OG 2/61

sps 10/59

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 (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 ship, so far as now seen, is in good condition and eligible, in my opinion, to remain as classed with fresh record of MBS 1/62.

Date of Committee

Decision

40m, 457. T. (MADE AND PRINTED IN ENGLAND.)

TUESDAY 6 FEB 1962

Noted

MBS 1/62

Engineer Surveyor to Lloyd's Register of Shipping

CHAS. W. WHITE.

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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).....

| PROPULSION | | ELECTRICAL EQUIPMENT | |
|----------------------------------|-----------|----------------------|--|
| 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 **P & S 21.12.61. Both Good**

AUXILIARY, DONKEY or PRESS.....

Superheaters..... **Good**

Safety Valves..... **Good**

Mountings, Doors & Fastenings..... **Good**

Safety Valves Adjusted to { Sat. **200 lb.**
Spt. **200 lb.**

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?..... **Yes**

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)

W & T Repairs:- Starbd. boiler - 50 plain tubes renewed. Cert. attached herewith.
A number of back tube ends on port boiler expanded.

Main engine pump crosshead:- Journals found worn. Crosshead & brasses now renewed.
Cert. for crosshead attached herewith.

LEAVE THIS SPACE BLANK

Survey fees **B.S. £20. 0. 0.**
W & T Repair **£ 5. 0. 0.**

Damage fee ...

Expenses... ..

Date when A/c rendered **24 JAN 1962**

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M.B.S. due 2/6/62, no need
Repairs.
Some boiler tubes renewed.

It is submitted that this
vessel is eligible for THE
RECORD M.B.S. 1/6/62.