

29 JAN 1962

Rpt. 9 / NP

Date of writing report 22.1.62

Received London

Port

NEWCASTLE-ON-TYNE

No. 118577

Survey held at Jarrow on Tyne

No. of visits 8

First date 15.12.61

Last date 16.1.62

REPORT OF PERIODICAL SURVEYS & REPAIRS OF MACHINERY

No. in R.B. 13183 S.S. Name "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 |

1244 Vol

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.

If a Survey also been held on Ship If so, in the Report set out, or when will it be sent?

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 & MANEUVRING VALVES.....

30 MAIN ENGINE DRIVEN PUMPS.....

31 CRANKCASE DOORS & EXPLOSION RELIEF DEVICES..... Have Main Engines been tested working and manœuvring?.....

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 TUESDAY 6 FEB 1962

Decision as now MBS 1/62

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

Noted

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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)

| PROPULSION | | ELECTRICAL EQUIPMENT | |
|-----------------------------------|-----------|---|-----------|
| PORT | STARBOARD | PORT | STARBOARD |
| a Generators | | AUXILIARY EQUIPMENT | |
| b Exciters | | l Generators & Governors | |
| c Air Coolers | | m Motors | |
| d Motors | | n Switchboards & Fittings | |
| e Air Coolers | | o Circuit Breakers | |
| f Control Gear, Cables, etc. | | p Cables | |
| g Insulation Resistance | | q Insulation Resistance | |
| h Insulating Oil Test | | r Steering Gear Generators and Motors | |
| i Overspeed Governors | | s Navigation Light Indicators | |
| j Magnetic Couplings | | | |
| 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.

M.B.S. due 2/62, no need
 Repairs.
 Some bills tubes renewed.
 It is submitted that this
 vessel is eligible for THE
 RECORD M.B.S. 1/62.
 1/12/62
 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**

