

Rpt. 9

Date of writing report 26.11.58.

Survey held at South Shields

Received London

No. of visits 4

Port Newcastle upon Tyne.

No. 115741

First date 17.11.58.

Last date 21.11.58.

REPORT OF PERIODICAL SURVEYS & REPAIRS OF MACHINERY

No. in R.B. 73355 S.S. "NORTHWOOD" Gross tons 1155 Date of build 1936 10

Owners Constantine Shipping Co. Ltd. Managers - Port of Registry Middlesbrough

Engines made 1936 By N.E. Marine Eng. Co. Ltd. Type Triple expansion

No. of Main Engines 1 No. of Screws 1 Records of Survey & Special Notations as per Register Book

No. of Main Boilers 1 W.P. 200 lbs/sq"Spht.

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

Surveyed Afloat or in Dry Dock

Nature of Survey Dkg. BS. GE.

Was Damage Report issued? - 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 Good

Fastenings Good 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) PORT STABEBOARD

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 an

efficient condition and eligible in our opinion to remain as now classed with fresh records

of survey MBS. 11.58, TS(CL) 11.58. It is submitted that the special survey may be

postponed until Dec. 1959.

Date of Committee MBS 11.58

Decision TS 11.58

50m, 6.56. T. (MADE AND PRINTED IN ENGLAND.)

Noted for Header

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003788-005799-0105

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

AUXILIARY ENGINES (Identify by position)

Table with columns: PROPULSION, PORT, STARBOARD, ELECTRICAL EQUIPMENT, AUXILIARY EQUIPMENT. Rows include Generators, Exciters, Air Coolers, Motors, Control Gear, Cables, etc., Insulation Resistance, Insulating Oil Test, Overspeed Governors, Magnetic Couplings, Air Gap.

BOILERS OPENED UP & EXAMINED (Identify by position and state latest date of internal examination of each boiler)
MAIN Good 18.11.58.
AUXILIARY, DONKEY or PRESS
Superheaters Good
Safety Valves Good
Mountings, Doors & Fastenings Good
Safety Valves Adjusted to Sat. 200 lb/sq.in. Spt. 200 lb/sq.in.
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 Good
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)
DAMAGE:- Stated due to propeller striking submerged object in Deptford Creek (London) and on the 19.2.58. and also unknown propeller damage.
Now done for damage: Vessel in drydock examined propeller, outside fastenings. Found two propeller blade ends broken 1 slightly broken.
New C1 propeller now fitted; tried for fit with and without key with satisfactory results.
Chief Engineer stated that the shafting had been operating satisfactorily.
Now done for postponement of Special Survey as per Secretary's letter 4.9.58.
Chief Engineer stated machinery operating satisfactorily.
Megger test carried out, minor wiring repairs.
Pumping arrangements, windlass, and steering gear found satisfactory.
Attached pumps forward bilge ram renewed.
It is considered that the Special Survey may be postponed until Dec. '59.

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Survey fees MBS. £10.
GEN-EXAMN. 15. 0 0
Dge.Fee. £6. 6. 0.

Damage fee
Expenses...

Date when A/c rendered 27 NOV 1958