

Rpt. 9

Date of writing report 13.8.58

Received London

Port SWANSEA

No. 26352

Survey held at Swansea

No. of visits 9

First date 14.7.58

Last date 12.8.58

REPORT OF PERIODICAL SURVEYS & REPAIRS OF MACHINERY

No. in R.B. 72573 Name ^{S.S.} tug "NEATH" Gross tons 219 Date of build 1917 - 3

Owners Alexandra Towing Co. Ltd., Managers Port of Registry Swansea

Engines made 1917 By J. Cran & Co., Leith Type C. 2CY 21" & 44" x 27"

No. of Main Engines 1 No. of Screws 1

No. of Main Boilers 1 w.p. 130 lbs per sq. in

No. of Aux./Donkey Boilers none w.p. -

Surveyed Afloat or in Dry Dock both

Nature of Survey Docking & MBS

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

Last Report (For Head Office only)

Records of Survey & Special Notations as per Register Book

Hull	Machinery
+100A1 8,57	+LMC 9,55
ss DR 4,51. SWS. 9,55	MBS 9,57
	TS OG 8,54
	Sps 9,55
	ND

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 1/32" Oil Glands Good Sea Connections Good

Fastenings Good Has Screwshaft been drawn? yes Date of Examination 15.7.58 Has Shaft been changed? no

Has Shaft now fitted been previously used? Has Shaft now examined/fitted a continuous liner? no Approved oil gland? yes

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 vessel as far as now surveyed is in good condition

and eligible in my opinion to be retained as now classed in the Register Book with

fresh record of MAIN BOILER SURVEY 8,58 and TAILSHAFT SURVEY - OIL GLAND 7,58

THURSDAY 11 SEP 1958

Date of Committee

Decision A now

TS 7.58 MBS 8.58

30m.6.55. T. (MADE AND PRINTED IN ENGLAND.)

Noted for Header

2020
Engineer Surveyor to Lloyd's Register of Shipping

P. MASON Lloyd's Register Foundation

009008-009014-0034

Has a Survey also been held on Ship?
If so, is the Report sent now, or when will it be sent?

No
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.....

AUXILIARY ENGINES (Identify by position).....

		ELECTRICAL EQUIPMENT	
PROPULSION	PORT	STARBOARD	AUXILIARY EQUIPMENT
a Generators.....			i Generators & Governors.....
b Exciters.....			m Motors.....
c Air Coolers.....			n Switchboards & Fittings.....
Motors.....			o Circuit Breakers.....
Air Coolers.....			p Cables.....
r 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 Boiler on 6 (30.7.58) - Good

~~AUXILIARY, DONKEY or PRESS~~

~~SAFETY VALVES~~

Safety Valves Good

Mountings, Doors & Fastenings Good

Safety Valves Adjusted to Sat. 130 lbs per sq. in.
SP.

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 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)

WEAR & TEAR REPAIRS:-

BOILER: Fore and Aft Circumferential seams caulked. Stbd. Manhole joint face built up and grooving at lower part of After End plates cut out and welded. Minute fracture in boiler end plate running from edge of Stay hole for approx. 2" noted subsequent to filling boiler. C.C. Back stay removed, end of fracture located and hole drilled. Fracture veed and welded and stay renewed.

PORT C.C. 1 Fractured Waterway stay renewed. Several stay nuts rejoined and tubes expanded.

CENTRE FURNACE AND C.C. All corrugations on starboard side of Furnace built up with welding in way of wastage at line of firebars. 4 Bottom C.C. Back plates stays removed, Back plate built up on Waterside, holes retapped and new stays fitted. Knuckle of back plate flange built up in 2 places.

STARBOARD C.C. 1 Fractured Waterway Stay renewed.

MOUNTINGS various minor repairs and replacements carried out to the Mountings, including renewal of all shell studs on Main and Auxiliary check valves and bottom water gauge connection. All repairs examined under steam and found satisfactory.

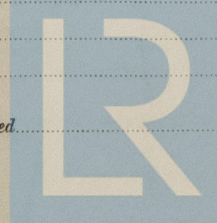
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Main Boiler	Survey fees	£8. 0. 0.
Tailshaft		5. 0. 0.
Repairs		7. 0. 0.

Damage fee ...

Expenses... 1. 0. 0.

Date when A/c rendered



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Foundation