

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)

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 X 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
- Cyls., Covers, Pistons & Rods
 - Valves & Gears
 - Connecting Rods, Top Ends & Guides (Side, Centre)
 - Crankpins & Bearings (Side, Centre)
 - Journals & Bearings
- MAIN ENGINE DRIVEN AIR COMPRESSORS
- Cyls., Covers, Pistons & Rods
 - Connecting Rods & Top Ends
 - Crankpins & Bearings
 - Journals & Bearings
 - Levers
- MAIN ENGINE DRIVEN SCAVENGE PUMPS
- Cyls., Covers, Pistons & Rods
 - Connecting Rods & Top Ends
 - Crankpins & Bearings
 - Journals & Bearings
 - Levers
- SCAVENGE BLOWERS
- SUPERCHARGERS
- MAIN TURBINES
- Casings, Rotors, Blading, Bearings & Thrusts
- EXHAUST STEAM TURBINES (WITH RECIP. ENGINES)
- STEAM COMPRESSORS
- CLUTCHES & HYDRAULIC COUPLINGS
- REDUCTION GEARING
- THRUST BLOCKS, SHAFTS & BEARINGS
- INTERMEDIATE SHAFTS & BEARINGS
- HOLDING DOWN BOLTS & CHOCKS
- CONDENSERS (MAIN & AUX.)
- STEAM RE-HEATERS
- DE-SUPERHEATERS
- STOP & MANOEUVRING VALVES
- MAIN ENGINE DRIVEN PUMPS
- CRANKCASE DOORS & EXPLOSION RELIEF DEVICES

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

Date of Committee THURSDAY 11 SEP 1958
Decision As now TS 7.58 MBS 8.58

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

Noted for Header

P. MASON 2020
Engineer Surveyor to Lloyd's Register of Shipping

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
y 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 C (30.7.58) - Good

~~Superheaters~~

Safety Valves Good

Mountings, Doors & Fastenings Good

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

Boiler Securing Arrangements Good

~~Main Economisers~~ Exhaust Gas Heated Economisers

~~Steam Heated Steam Generators~~ Steam Generator Safety Valves Adjusted to =

~~Wet 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 rejointed 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.

LEAVE THIS SPACE BLANK

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