

Rpt. 9

Date of writing report 4.11.55

5 NOV 1955

B.C. CLASS

8 - NOV 1955

Survey held at farrow-on-Lyne

Received London

Port NEWCASTLE-ON-TYNE

No. 112906

No. of visits 18

First date 12.4.55

Last date 7.10.55

REPORT OF PERIODICAL SURVEYS & REPAIRS OF MACHINERY

No. in R.B. 24248 Name S.S. "QUEENWORTH"

Owners Watergate S.S. Co. Ltd.

Managers R.S. Dalgliesh Ltd.

Gross tons 2066 Date of build 1943-6mo

Engines made 1943 By H.E. Mac. Eng. Co. (1938) Ltd.

Port of Registry Newcastle

No. of Main Engines 1 No. of Screws 1

Type Triple expansion steam recip.

No. of Main Boilers 2SB W.P. 220lbs

Records of Survey & Special Notations as per Register Book

No. of Aux./Donkey Boilers 1 W.P. 1

Surveyed Afloat and in Dry Dock Mercantile D.D. Co. Ltd.

Nature of Survey MBS* sps Ts Repairs

Was Damage Report issued? No Int. Cert? No

Last Report (For Head Office only)

Hull	Machinery
B.S.*	MBS* - 4,51
S.S.NWC - 4,51	Blr.S - 5,54
Docking - 5,54	T.S.C.L. - 1,54
	s.p.s. - 4,51

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 Propeller Good Wear Down of Stern Bushes 3/16" Oil Glands ✓ Sea Connections Good

Fastenings Good Has Screwshaft/Tubeshaft been drawn? Yes Date of Examination 14.4.55 Has Shaft been changed? No

Has Shaft now fitted been previously used? ✓ Has Shaft now examined/fitted a continuous liner? Yes Approved oil gland? ✓

MAIN ENGINES (Recip. Steam) PORT STARBOARD

1 Cyls., Covers, Pistons & Rods Good

2 Valves & Gears Good

3 Connecting Rods, Top Ends & Guides Side Good

4 Crankpins & Bearings Side Good

5 Journals & Bearings Centre Good

6 Journals & Bearings Good

7 Journals & Bearings Good

8 Journals & Bearings Good

9 Journals & Bearings Good

10 Journals & Bearings Good

11 Journals & Bearings Good

12 Journals & Bearings Good

13 Journals & Bearings Good

14 Journals & Bearings Good

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55 Journals & Bearings Good

OPINION OF MACHINERY AND RECOMMENDATIONS

Have Main Engines been tested working and manœuvring? Yes

condition eligible in our opinion to remain as classed with fresh record of MBS 10,55 and to have the notation "Tailshaft seen CL. 4,55"

Date of Committee

Decision

MBS* 10,55

34,55 Blr.S 10,55

sps 10,55 + NB 10,55

CERTIFICATE WRITTEN

Engineer Surveyor to Lloyd's Register of Shipping

003734-003741-0195 1/2

32 Essential Independent Pumps (Identify by position) *General Service pump - good. Ballast pump - good. Circulating pump - good.*

33 Bilge, Ballast & Oil Fuel Suction Lines, Fittings & Controls *good*

34 Have the remaining Piping Arrangements & Fittings in the machinery space been examined as considered necessary? *Yes*

35 Fresh Water Coolers *good*

36 Lub. Oil Coolers *good*

37 Heaters (state service) *Feed - good*

38 Independent Air Compressors, Coolers & Safety Devices *good*

39 Air Receivers & Safety devices *good*

40 Auxiliary *good*

41 Oil Fuel Tanks (Not forming part of hull structure) *good*

42 Evaporators *good*

43 Have Evaporator Safety Valves been tested under steam? *Yes*

44 Steering Machinery *good*

45 Windlass *good*

46 Fire Extinguishing Arrangements *good*

AUXILIARY ENGINES (Identify by position) *Port and Starboard generator engines*

ELECTRICAL EQUIPMENT		AUXILIARY EQUIPMENT	
PROPULSION	PORT	STARBOARD	
a Generators			Generators & Governors. <i>Port & Starboard - good</i>
b Exciters			
c Air Coolers			
d Motors			
e Air Coolers			
f Control Gear, Cables, etc.			
g Insulation Resistance			
h Insulating Oil Test			
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		AUXILIARY, DONKEY or PRESS
Supervision		
Safety Valves	<i>Good</i>	
Mountings, Doors & Fastenings	<i>Good</i>	
Safety Valves Adjusted to	<i>220 lbs/sq. in.</i>	
Boiler Securing Arrangements	<i>Good</i>	
Main Economizers		Exhaust Gas Heated Economizers
Steam Heated Steam Generators		Steam Generator Safety Valves Adjusted to
Water Oil Bessing 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 <i>Good</i>

EXAMINATION & TESTING OF STEAM PIPES (State material)

Main		Auxiliary (over 3 in. bore)
Steel - <i>Good (tested)</i>		<i>Steel - Good (tested)</i>
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)

How done for renewal of Boilers:- Due to the presence of caustic cracking the Port and Starboard boilers were removed from the vessel. Two new boilers constructed in Sunderland and covered by Sunderland reports 36530 and 36531 were satisfactorily installed, the Port being that built by The North Eastern Mar. Eng. Co. Ltd. and the Starboard by G. Black (Sld) Ltd. The mountings were removed from the old boilers, completely overhauled, subjected to hydraulic test to Rule Requirements and found satisfactory and subsequently fitted to the new boilers. The boilers were examined under steam and the safety valves adjusted to the pressure stated above and all left in safe working order. First entry reports will be forwarded in receipt. Report to covering the Starboard boiler mountings is attached. Port boiler mountings similarly overhauled but no certificate available.

Wear and Tear repairs:- General service pump and suction valve found wasted and now renewed. The new chest, fabricated and tested to 100 lbs/sq. in. was satisfactorily fitted. (Please see continuation)

Survey fees	MBS # <i>£18-0-0</i>
	ELEC. <i>£6-0-0</i>
	Repairs <i>£40-0-0</i>
	T.O.C.L. <i>£3-0-0</i>

Damage fee

Expenses...

Date when A/c rendered *7 NOV 1955*

Rpt. 9a

Port of *NEWCASTLE-ON-TYNE.*

Continuation of Report No. *112906*, dated *5. 11-55*

on the

S.S. "QUEENWORTH" (Continuation Sheet 1)

Wear and Tear repairs (continued):- Circulating pump piston rod worn and scored in way of packing now renewed, impeller shaft, scored in way of bearings machined and new woodite bearing bushes fitted. Port generator engine piston rod renewed and valve spindle renewed due to wear in way of packing. Starboard generator engine piston rod renewed, valve and spindle renewed due to general wear. Windlass bottom end brasses and crankshaft main bearings renewed.

Electrical equipment:- The following alterations was made to the electrical equipment at this time. Existing D.G. equipment removed and new D.G. equipment installed in accordance with Admiralty plan specification. Main coils run through cargo holds. Supply taken from main switchboard through existing D.P. switches & fuses in accordance with rule requirement. This equipment was not tested by Admiralty representatives at this time but will be done at future date.

J. Hancock. H. D. M. M. M.

SURVEYOR TO LLOYD'S REGISTER. NEWCASTLE-ON-TYNE.