

Rpt. 9

Date of writing report 2-6-57.
Survey held at LEITH.

Received London
No. of visits Three.

Port LEITH.
First date 28-5-57. Last date 1-6-57.

REPORT OF PERIODICAL SURVEYS & REPAIRS OF MACHINERY

No. in R.B. 75210. Name S.S. "RICHMOND QUEEN". Gross tons 1600. Date of build 10-1930.
Owners Queenship Navigation Ltd. Managers - Port of Registry LONDON.
Engines made Glasgow By D. & W. Henderson Co. Ltd. Type T 3Cy. 19" 31" & 52" x 36"

No. of Main Engines 1 No. of Screws 1
No. of Main Boilers 2 SB W.P. 180 lbs/Sq.In.

No. of Aux./Donkey Boilers - W.P. -
Surveyed Afloat or in Dry Dock Afloat.

Nature of Survey MAIN BOILER SURVEY.
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
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 & MANOEUVRING VALVES

30 MAIN ENGINE DRIVEN PUMPS

31 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 our opinion to remain as classed in the Register Book with fresh record of MAIN BOILER SURVEY 6-57

Date of Committee Decision M.B.S. 6-57

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Philip Thompson & John Corbridge
Engineer Surveyor to Lloyd's Register of Shipping
Foundation

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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 4 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, and various auxiliary equipment like Generators & Governors, Motors, Switchboards & Fittings, etc.

BOILER OPENED UP & EXAMINED (Identify by position and state latest date of internal examination of each boiler)
MAIN PORT BOILER (29-5-57) - GOOD.
STARBOARD BOILER (29-5-57) - GOOD.
Safety Valves GOOD.
Mountings, Doors & Fastenings GOOD.
Safety Valves Adjusted to 180 LBS/IN^2
Boiler Securing Arrangements GOOD.
Main Economisers
Steam Heated Steam Generators
Exhaust Gas Heated Economisers
Steam Generator Safety Valves Adjusted to
Feed Circulating Pumps
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.
PORT BOILER: Corrosion of Boiler End plate at lower after circumferential seam built up with welding. Port bottom manhole built up with welding and door re-fitted. Corrosion check renewed. Several Plain tubes in all combustion chambers expanded. Mounting: Auxiliary Stop Valve lid and 1 Safety Valve lid also Water gauge cocks renewed.
STARBOARD BOILER: Corrosion of Boiler End plate at lower after circumferential seam built up with welding. Corrosion check renewed. Several Plain tubes in all combustion chambers expanded. Mounting: Main Stop Valve lid and Water gauge cocks renewed.

CONDITION OF CLASS & ENDORSEMENT ITEMS - None.

MAIN BOILER Survey fees £16-0-0

Damage fee
Expenses... 3-0
Date when A/c rendered A.B. 57
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