

Rpt. 9

Date of writing report 20/8/57  
Survey held at GLASGOW

Received London  
No. of visits ONE

Port GLASGOW  
First date AND  
Last date 15th AUG. 1957

# REPORT OF PERIODICAL SURVEYS & REPAIRS OF MACHINERY

No. in R.B. 09270 S.S. JSS "EMPIRE" DORIC  
Owners MINISTRY OF TRANSPORT Managers ATLANTIC STEAM NAV. CO.  
Engines made 1945 By GEO. FLETCHER & CO. LTD DERRY Type T. 84Y.  
No. of Main Engines 2 No. of Screws 2  
No. of Main Boilers 2 W.T.B. W.P. 225lbs  
No. of Aux./Donkey Boilers - W.P. -

Surveyed Afloat or in Dry Dock DRY DOCK.  
Nature of Survey DOCKING ONLY  
W. Report Issued? No Int. Cert.? No  
Last Report (For Head Office only)  
Records of Survey & Special Notations as per Register Book  
Hull +A-1/57 S.S. 9/52 LMC.  
WITH FRD. FOR SERVICE UK  
+ FIRE (EXCLUDING WEST COAST OF  
IRELAND) ALSO TO & FROM THE  
BALTIC & MEDITERRANEAN  
LAID UP - SURVEYS OVERDUE.  
OF 6-45.  
Machinery E.S. 9/52  
M.B.S. 6/56  
O.G.P.S. 12/56

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 thereon 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 P.O. 115 S. NOT RECORDED Oil Glands - Sea Connections -  
Fastenings GOOD Has Screwshaft Tubeshaft been drawn? No Date of Examination - Has Shaft been changed? -  
Has Shaft now fitted with 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 Side Centre  
4 Crankpins & Bearings Side Centre  
5 Journals & Bearings

MAIN ENGINE DRIVEN AIR COMPRESSORS

1 Cyls., Covers, Pistons & Rods  
2 Connecting Rods & Top Ends  
3 Crankpins & Bearings  
4 Journals & Bearings  
5 Coolers & Safety Devices

MAIN ENGINE DRIVEN SCAVENGE PUMPS

1 Cyls., Covers, Pistons & Rods  
2 Connecting Rods & Top Ends  
3 Crankpins & Bearings  
4 Journals & Bearings  
5 Lovers

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

Have Main Engines been tested working and manoeuvring?

OPINION OF MACHINERY AND RECOMMENDATIONS The machinery of this vessel, as now seen, is in safe working order, and is eligible, in my opinion, to remain as cleared without fresh record.

Date of Committee 4 GLASGOW 10 SEP 1957  
Decision Transmitted to London



- 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 Independent Air Compressors, Coolers & Safety Devices.....
- 37 Heaters (state service).....
- 38 Air Receivers & Safety Devices.....
- 39 Oil Fuel Tanks (not forming part of hull structure).....
- 40 Auxiliary.....
- 41 Evaporators.....
- 42 Have Evaporator Safety Valves been tested under steam?.....
- 43 Steering Machinery.....
- 44 Fire Extinguishing Arrangements.....

AUXILIARY MACHINERY (Identify by position).....

ELECTRICAL EQUIPMENT

PROPULSION

PORT

STARBOARD

AUXILIARY EQUIPMENT

a Generators.....

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.....

l Generators & Governors.....

m Motors.....

n Switchboards & Fittings.....

o Circuit Breakers.....

p Cables.....

q Insulation Resistance.....

r Steering Gear Generators and Motors.....

s Navigation Light Indicators.....

BOILERS OPENED UP & EXAMINED (Identify by position and state latest date of internal examination of each boiler)

AUXILIARY, DONKEY & PRESS

MAIN

Superheaters.....

Safety Valves.....

Mountings, Doors & Fastenings.....

Safety Valves Adjusted to  
Gal.  
Spt.

Boiler Securing Arrangements.....

Main 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.....

EXAMINATION & TESTING OF STEAM PIPES (State material)

Auxiliary (over 3 in. bore)

Main

Have Saturated Pipes in cylindrical boiler smoke boxes been tested?

Were Copper Pipes annealed?

PARTICULARS OF DEFECTS & REPAIRS, ETC. (Damage repairs should be detailed separately from wear and tear repairs; state what action has been taken regarding items which are subjects of class)

Owner representative stated that as the vessel was to be laid up for an indefinite period, it was not proposed to proceed with the Boiler Survey and Engine Special Survey.

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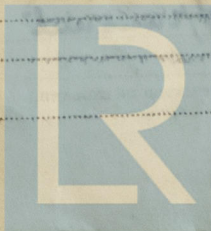
Survey fee.....

Drawings fee.....

Expenses.....

Date when A/c rendered.....

24 SEP 1957



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