

Rpt. 9

Date of writing report 12TH JUNE 1957
Survey held at GREENOCK

Received London
No. of visits 26 JUN 1957

Port GREENOCK No. 25950
First date 27TH MAY Last date 5TH JUNE 1957

REPORT OF PERIODICAL SURVEYS & REPAIRS OF MACHINERY

No. in R.B. 53627 S.S. BERYL Gross tons 568 Date of build 11-1924
Owners WILLIAM ROBERTSON SHIPOWNERS LTD Managers WILLIAM ROBERTSON Port of Registry GLASGOW
Engines made 1924 By AILSA S.B. CO. LTD TROON Type T 3cy.
No. of Main Engines 1 No. of Screws 1
No. of Main Boilers 1 SB W.P. 180 lb.
No. of Aux./Donkey Boilers - W.P. -
Surveyed Afloat or in Dry Dock AFLOAT & IN DRYDOCK
Nature of Survey DOCKING : TS : MBS.
Was Damage Report issued? NO Int. Cert.? YES
Last Report (For Head Office only)

Records of Survey & Special Notations as per Register Book

Hull	Machinery
+ 100 A1	SS. (DR) 2/48 RV. 5/56
	+ LMC
	ENG. 5/56
	MBS. 5/56
	TS. CL. 7/54
	S.P. 5/56
NS.	

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 CLOSE FLY Oil Glands - Sea Connections -
Fastenings GOOD Has Screwshaft been drawn? YES Date of Examination 28-5-57 Has Shaft been changed? NO
Has Shaft now fitted been previously used? Has Shaft now examined a continuous liner? YES Approved oil gland? NO

MAIN ENGINES (Recip. Steam 14)

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, so far as now seen, is in efficient order and eligible in my opinion to remain as classed, with fresh record of MBS 6, 57, and TS. CL. 5, 57.

Date of Committee

GLASGOW 25 JUN 1957

Decision

T.S. (CL.) 5.57

50m/6.66. T. (MADE AND PRINTED IN ENGLAND.)

Noted for Header

Engineer Surveyor to Lloyd's Register of Shipping

Lloyd's Register Foundation

002568-002576-0095

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
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)

MAIN 24.5.57 - GOOD
SAFETY VALVES GOOD
MOUNTINGS, DOORS & FASTENINGS GOOD
SAFETY VALVES ADJUSTED TO 180 lbs/sq in
BOILER SECURING ARRANGEMENTS GOOD
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?
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)

REPAIRS NOW DONE FOR DOCKING (WEAR & TEAR):- Stern bush wood lining found worn and slack, now rewooded.

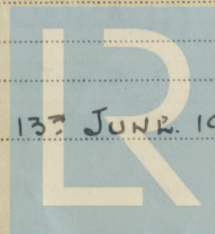
REPAIRS NOW DONE FOR BOILER SURVEY (WEAR & TEAR):- Auxiliary feed check valve chest rejoined to boiler end plate. main steam stop valve bridge and spindle renewed. safety valve seats and lids machined. Bottom manholes and door spigots built up by electric welding and refitted. Port and Centre furnaces found grooved at the underside of goose necks, now cut out to sound metal and electric welded. The boiler front plate was found to be grooved internally on the flange radius beneath the centre furnace mouth, now cut out to sound metal and electric welded. Boiler hydraulic tested satisfactorily.

LEAVE THIS SPACE BLANK

Survey fees MBS £8-0-0 X
TS. cl £3-0-0 X

Damage fee
Expenses...

Date when A/c rendered 13 JUN 1957



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