

Rpt. 9 /R. 2 OCT 1958

Date of writing report  
Survey held at North Shields  
Received London  
No. of visits 18  
Port  
First date 1-8-58  
Last date 20.9.58  
No. 115602

REPORT OF PERIODICAL SURVEYS & REPAIRS OF MACHINERY

No. in R.B. 33315 S.S. "WAVE GOVERNOR"  
Name  
Owners The Admiralty  
Engines made 1945 By Richardson Westgarth  
No. of Main Engines 1 No. of Screws 1  
No. of Main Boilers 2 W.P. 490Lb. 475Lb.Spt  
No. of Donkey Boilers 2 W.P. 180Lbs.  
Surveyed Afloat or in Dry Dock Both  
Nature of Survey MBS, Comp. of CS, DBS, TS.  
Was Damage Report issued? No Int. Cert. Yes  
Last Report (For Head Office only)

Gross tons 8190 Date of build 3 - 1945  
Port of Registry London  
Type Steam Turbine D.R.  
Records of Survey & Special Notations as per Register Book

Hull	Machinery
1000 A.1.	4LMC
S.S. 5.54 Gls.	C.S. 12.54
D.S. 6.57	M 7.57 d 7.57
	T.S. 9.55
	sps 5.54

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 Rewooded Oil Glands 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 a continuous liner? Yes Approved oil gland? No

MAIN ENGINES (Main Engines 1 & 2)  
1 Cyls., Covers, Pistons & Rods Good  
2 Valves & Gears Good  
3 Connecting Rods, Top Ends & Guides Side Good Centre Good  
4 Crankpins & Bearings Side Good Centre Good  
5 Journals & Bearings Both Good

MAIN ENGINE DRIVEN AIR COMPRESSORS  
6 Cyls., Covers, Pistons & Rods Good  
7 Connecting Rods & Top Ends Good  
8 Crankpins & Bearings Good  
9 Journals & Bearings Good

MAIN ENGINE DRIVEN SCAVENGE PUMPS  
10 Coolers & Safety Devices Good

MAIN TURBINES  
11 Cyls., Covers, Pistons & Rods Good  
12 Connecting Rods & Top Ends Good  
13 Crankpins & Bearings Good  
14 Journals & Bearings Good  
15 Levers Good  
16 SCAVENGE BLOWERS  
17 SUPERCHARGERS  
18 MAIN TURBINES  
19 Casings, Rotors, Blading, Bearings & Thrusts H.P. - Good

EXHAUST STEAM TURBINES (WITH RECIP. ENGINES)  
20 STEAM COMPRESSORS  
21 CLUTCHES & HYDRAULIC COUPLINGS  
22 REDUCTION GEARING Good  
23 THRUST BLOCKS, SHAFTS & BEARINGS Good  
24 INTERMEDIATE SHAFTS & BEARINGS Good  
25 HOLDING DOWN BOLTS & CHOCKS Good  
26 CONDENSERS (MAIN & AUX.) Both Good (Tested)  
27 STEAM RE-HEATERS  
28 DE-SUPERHEATERS  
29 STOP & MANOEUVRING VALVES Good  
30 MAIN ENGINE DRIVEN PUMPS  
31 CRANKCASE DOORS & EXPLOSION RELIEF DEVICES Have Main Engines been tested working and manoeuvring? Yes

OPINION OF MACHINERY AND RECOMMENDATIONS  
The machinery of this vessel, so far as now seen, is in safe working condition and eligible in my opinion to remain as now classed with fresh record of C.S. 9.58, MBS 9.58, DBS. 9.58 T.S.(C.L.) 8.58

Date of Committee THURSDAY 6 NOV 1958  
Decision C.S. 9.58  
T.S. 8.58 MBS 9.58 DBS 9.58

50m, 6.56. T. (MADE AND PRINTED IN ENGLAND.)

Noted for Header

Engineer Surveyor to Lloyd's Register of Shipping

R. P. FRAZER

CERTIFICATE WRITTEN.

004300-004307-0018

If certificate is required state where to be sent



Main Circ. Pump: Aux. Circ. Pump: G.S. Pump: Both Aux. Feed Pumps: Both L.O. Pumps: Starboard F.O. Trans. Pump: Both Main & both Aux. F.O. Unit Pumps: Ballast Pump: Fire & Bilge Pump: Both Main Feed Pumps:

33 Essential Independent Pumps (Identify by position) Good

34 Have the remaining Piping Arrangements & Fittings in the machinery space been examined as considered necessary? Yes including air ejector.

35 Fresh Water Coolers 36 Lub. Oil Coolers 37 Heaters (state service) Main & aux. F.O. unit: feed-Good (Tested)

38 Independent Air Compressors, Coolers & Safety Devices

39 Air Receivers & Safety devices - Main

40 Oil Fuel Tanks (Not forming part of hull structure)

41 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)

Both main and both auxiliary forced draught fan engines - good.

PROPULSION

PORT

STARBOARD

ELECTRICAL EQUIPMENT

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 Good

m Motors

n Switchboards & Fittings Good

o Circuit Breakers Good

p Cables Good

q Insulation Resistance Good

r Steering Gear Generators and Motors

s Navigation Light Indicators Good

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

MAIN Both Good 7-7-58

AUXILIARY, DONKEY or PRESS Both Good 7.7.58

Superheaters Good

Safety Valves Good

Mountings, Doors & Fastenings Good

Safety Valves Adjusted to Sat. 490Lbs.

Sat. 475Lbs.

Boiler Securing Arrangements Good

Main Economisers Good

Steam Heated Steam Generators

Steam Generator Safety Valves Adjusted to

Yes - Good

Wear 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?

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)

Tailshaft liner skimmed in way of bush.

Propeller found wasted in way of blades. New propeller now fitted, tailshaft tried with and without the key and found a good fit.

New propeller stamped:- L.R. 21.1.44 L.T. London 12.11.57

Surface 1218sq.Ft. Pitch 14'-3" Diam. 18'-0"

MAIN ENGINE:-

H.P. rotor, H.P. & L.P. primary pinions, and secondary pinions sent to Parsons Marine for reconditioning. See attached Report 10 No. 63373

Vessel undocked 8.57.

Survey fees Part C.S. £50 - 0 - 0

M.B.S. £28 - 0 - 0

D.B.S. £16 - 0 - 0

Damage fee Elect. Equip. £15 - 0 - 0

T.S. £7 - 0 - 0

Sunday FEE £5 - 5 - 0

EXPS. 15 - 0 - 0

Date when A/c rendered

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