

Rpt. 9

29 JUN 1960

Date of writing report 23.6.60.

Received London

Port NEWCASTLE UPON TYNE

No.

Survey held at SOUTH SHIELDS

No. of visits 6

First date 3.6.60.

Last date 17.6.60.

REPORT OF PERIODICAL SURVEYS & REPAIRS OF MACHINERY

No. in R.B. 36148 S.S. "WILLIAM PEARMAN" Gross tons 1552 Date of build 4-1942
Owners Central Electricity Generating Board Managers Stephenson Clarke Ltd. Port of Registry London
Engines made 4-1942 By D. Rowan & Co. Ltd. Glasgow. Type T3 cy. 16" 27" & 46" x 33"
No. of Main Engines 1 No. of Screws 1
No. of Main Boilers 1 W.P. 200 lbs.
No. of Aux./Donkey Boilers 1 W.P. 105 lbs.
Surveyed Afloat or in Dry Dock Both
Nature of Survey Dkg/MBS/DBS/Gen.Examn./sps
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
+100A1 with freeboard	+ LMC
SS 6/56	ES 6/56
Dkg 5/59	MBS 5/59 & BS 5/59
	CL 5/59

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 .170 Oil Glands - Sea Connections Good
Fastenings Good Has Screwshaft Tubeshaft been drawn? No 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

SCAVENGE BLOWERS (Levers) Good

SUPERCHARGERS

MAIN TURBINES

16 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? Yes

OPINION OF MACHINERY AND RECOMMENDATIONS

The machinery of this vessel, as now seen, is in safe working condition and eligible in my opinion to remain as now classed, with fresh record of MBS 6/60, DBS 6/60, and sps 6/60 and that the Engine Special Survey be deferred until June, 1961.

THURSDAY 11 AUG 1960

Date of Committee

Decision

MBS 6. 60

DBS 6. 60

SPS 6. 60

50m, 6, 56. T. (MADE AND PRINTED IN ENGLAND.)

Engineer Surveyor to Lloyd's Register of Shipping
T. McGINNESS

005377 - 005386 - 0248

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)

Table with 4 columns: PROPULSION, PORT, STARBOARD, ELECTRICAL EQUIPMENT. Rows include Generators, Exciters, Air Coolers, Motors, Control Gear, Cables, etc., Insulation Resistance, Insulating Oil Test, Overspeed Governors, Magnetic Couplings, Air Gap, and Auxiliary Equipment (Generators & Governors, Motors, Switchboards & Fittings, Circuit Breakers, Cables, Insulation Resistance, Steering Gear Generators and Motors, Navigation Light Indicators).

BOILERS OPENED UP & EXAMINED (Identify by position and state latest date of internal examination of each boiler)
MAIN: Good 9.6.60.
AUXILIARY, DONKEY or PRESS: Good (9.6.60)
Superheaters: -
Safety Valves: Good
Mountings, Doors & Fastenings: Good
Safety Valves Adjusted to: Sat. 200 lbs., Spt. -
Boiler Securing Arrangements: Good
Main Economisers: -
Exhaust Gas Heated Economisers: -
Steam Heated Steam Generators: -
Steam Generator Safety Valves Adjusted to: Coal-fired
Were Oil Burning System & Remote Controls examined working in accordance with Rules? Coal-fired
Forced Circulating Pumps: -
Have Saturated Steam Pipes in cylindrical boiler smoke boxes been examined as required by Rules? Funnel Good

EXAMINATION & TESTING OF STEAM PIPES (State material)
Main: Good (steel)
Auxiliary (over 3 in. bore): Good (steel)
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)
W.T. Repairs: Donkey boiler feed check valve lids renewed.
Aft generator pistons, valve, and rods renewed.
General examination for Deferment of Engine Special Survey (See Secretary's letter London (Class(H) 23.5.60)

Chief Engineers log book examined and it was stated that no trouble had been experienced with the machinery during recent voyages. All main and auxiliary machinery was examined and found or placed in good order. Electrical circuits were megger tested with good results and pumping arrangements satisfactorily tested. Steering gear and windlass were tested running and found good. All machinery was run on test and found satisfactory. It is therefore submitted that the Engine Special Survey be deferred until June, 1961 and that this merits the favourable consideration of the Committee.

Survey fees: M.B.S. £8.0.0, D.B.S. £7.0.0, sps £5.6.0, Gen. exam. £10.0.0.
Damage fee: ...
Expenses: ...
Date when A/c rendered: 4 JUL 1960