

Rpt. 9

Date of writing report 24.8.61.  
Survey held at Liverpool

Received London  
No. of visits 3

Port Liverpool  
First date 27.7.61. Last date 11.8.61.

No. 157275

REPORT OF PERIODICAL SURVEYS & REPAIRS OF MACHINERY

No. in R.B. 27205 Name S.S. "PROSPECTOR" Gross tons 6165 Date of build 1944 - 1  
Owners Charente S.S. Co. Ltd. Managers T. & J. Harrisons Ltd. Port of Registry Liverpool  
Engines made 1944 By D. Rowan & Co. Ltd. Type T. 3 Cy  
No. of Main Engines 1 No. of Screws 1  
No. of Main Boilers 2 DB W.P. 210 lbs  
No. of Donkey Boilers 1 DB W.P. 120 lbs  
Surveyed Afloat or in Dry Dock Afloat  
Nature of Survey M.B.S. and D.B.S.  
Was Damage Report issued? No Int. Cert. Yes  
Last Report (For Head Office only) 143867 Lon.

Hull		Machinery	
+ 100 A1	11,60	+ LMC	12,57
SS	12,57	BS M	9,60
		D	9,60
		TS CL	11,60
		SPS	12,57
		ND OF	6,50

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, Side, Top Ends & Guides, 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.)

STEAM RE-HEATERS  
DE-SUPERHEATERS  
STOP & MANOEUVRING VALVES  
MAIN ENGINE DRIVEN PUMPS  
CRANKCASE DOORS & EXPLOSION RELIEF DEVICES

Have Main Engines been tested working and manœuvring?  
OPINION OF MACHINERY AND RECOMMENDATIONS The machinery of this vessel as now seen is in my opinion eligible to remain as now classed with fresh record of M.B.S. 8,61, and D.B.S. 8,61, now.

Date of Committee Decision  
As now  
MBS 8.61.  
D.B.S. 8.61

NOTED FOR POSTING  
-5 SEP 1961

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Lloyd's Register  
J.S.C. Bloomfield

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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 items like Switchboards & Fittings, Circuit Breakers, Cables, etc.

BOILERS OPENED UP & EXAMINED (Identify by position and state latest date of internal examination of each boiler)
MAIN Port 27.7.61. Starboard 3.8.61. Both Good
AUXILIARY, DONKEY & EXPRESS 27.7.61. Good
Superheaters Good
Safety Valves Good
Mountings, Doors & Fastenings Good
Safety Valves Adjusted to Sat. 210 p.s.i.
Boiler Securing Arrangements Good
Main Economisers Exhaust Gas Heated Economisers
Steam Heated Steam Generators Steam Generator Safety Valves Adjusted to Yes - Good
Were Oil Burning System & Remote Controls examined working in accordance with Rules? Yes - Good 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 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)
It was noted that the boiler end plates below the centre furnaces were showing some grooving in way of previous welding repairs and no further repairs were considered necessary at this time, but it is recommended that an entry be made in the S.R.L. Appendix.
"Front end plates grooved in way of centre furnaces."

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Handwritten notes and signatures at the bottom left, including dates like 19.6.61 and 19.8.61, and names like M.B.S. and D.B.S.

Survey fees MBS £24-0-0 DBS £8-0-0
Damage fee
Expenses...
Date when A/c rendered
30 AUG 1961