

Rpt. 9

Date of writing report 29.11.60. Received London Port Liverpool No. 155761
Survey held at Liverpool No. of visits 3 First date 11.11.60. Last date 21.11.60.

REPORT OF PERIODICAL SURVEYS & REPAIRS OF MACHINERY

No. in R.B. 69366 S.S. Name M.V. "LEVIATHAN" Gross tons 8877 Date of build 1910 4
Owners Mersey Docks & Harbour Board Managers -- Port of Registry Liverpool
Engines made 1909 By D. Rowan & Co. Type T 6Cy.
No. of Main Engines 1 No. of Screws 1
No. of Main Boilers 4 SB W.P. 180lb
No. of Aux./Donkey Boilers - W.P. -
Surveyed Afloat or in Dry Dock Both
Nature of Survey Docking, Completion E.S.
Was Damage Report issued? Int. Cert.? Yes
Last Report (For Head Office only)

Hull		Machinery	
*100A1	6,60	*LMC	4,56
SS (DR)	1,52	BS	M 7,60
	4,56	TS	OG p7,58
hopper dredger River and harbour service		s.p.s.	s6,60N 2,58
		OF1/52	

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.

Now
Yes
Has a Survey also been held on Ship?
If so, is the Report sent now, or when will it be sent?

DOCKING Propellers Good Wear Down of Stern Bushes Oiltight Oil Glands Efficient Sea Connections
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
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 eligible in my opinion to remain as classed and have fresh record of E.S. 7,60, as previously recommended, subject to the port M.E. H.P. cylinder cover being re-examined by July, 1961, as previously recommended.

LIVERPOOL 3 JAN 1961
Date of Committee
Decision R.S. 7.60 Subject
50m,4,59 T. (MADE AND PRINTED IN ENGLAND)

© 2020
N. Stephenson.
Engineer Surveyor to Lloyd's Register of Shipping
Foundation
004789-004798-0406

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 Good
34 Have the remaining Piping Arrangements & Fittings in the machinery space been examined as considered necessary? Yes
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, 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 Generators & Governors, Motors, Switchboards & Fittings, etc.

BOILERS OPENED UP & EXAMINED (Identify by position and state latest date of internal examination of each boiler)
MAIN
AUXILIARY, DONKEY or PRESS
Superheaters
Safety Valves
Mountings, Doors & Fastenings
Safety Valves Adjusted to (Sat. Spt.)
Boiler Securing Arrangements
Main Economisers
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?
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)
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)

LEAVE THIS SPACE BLANK

Handwritten notes: 'on machinery necessary recommended', 'F.S. 7.1.60 new', 'Noted', '17.1.61', 'checked as this report'.

Survey fees ... Completion E.S. 5/5
Damage fee ...
Expenses ...
Date when A/c rendered ... 29 DEC 1960