

Rpt. 9

Date of writing report 3.2.1961.

Survey held at MANCHESTER

Received London

No. of visits 35

Port MANCHESTER

First date 22.11.60.

No. 19746

Last date 21.1.1961

REPORT OF PERIODICAL SURVEYS & REPAIRS OF MACHINERY

No. in R.B. 70546 Name S.S. "MANCHESTER PROGRESS" Gross tons 7346 Date of build 3-1938
Owners Manchester Liners Ltd., Managers -- Port of Registry Manchester.
Engines made 3-1938 By D. Rowan & Co. Ltd., Type 3 steam turbine SR geared to Sc. shaft.
No. of Main Engines 1 No. of Screws 1
No. of Main Boilers 3 SB W.P. 225 Ib. Spt.
No. of Aux./Donkey Boilers -- W.P. --
Surveyed Afloat or in Dry Dock Both
Nature of Survey Decking, ES, MBS, 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 fbd. Tunnel	+LMC
side tanks No.6 hold-vegetable	+LLOYD'S RMC
oil.	E.S. 11,55
S.S. 3,56	MBS. 5,60
Docking 5,60	TS. (CL) 5,60
	SPS. 3,56

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 1/16" 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 Side

4 Top Ends & Guides Centre

5 Crankpins & Bearings Side

6 Journals & Bearings Centre

7 Journals & Bearings

8 MAIN ENGINE DRIVEN AIR COMPRESSORS

9 Cyls., Covers, Pistons & Rods

10 Connecting Rods & Top Ends

11 Crankpins & Bearings

12 Journals & Bearings

13 Governors & Safety Devices

14 MAIN ENGINE DRIVEN SCAVENGE PUMPS

15 Cyls., Covers, Pistons & Rods

16 Connecting Rods & Top Ends

17 Crankpins & Bearings

18 Journals & Bearings

19 Levers

20 SCAVENGE BLOWERS

21 SUPERCHARGERS

22 MAIN TURBINES

23 Casings, Rotors, Blading, Bearings & Thrusts H.P. Turbine - Good

L.P. Turbine - Good

24 EXHAUST STEAM TURBINES (WITH RECIP. ENGINES)

25 STEAM COMPRESSORS

26 CLUTCHES & HYDRAULIC COUPLINGS

27 REDUCTION GEARING Good

28 THRUST BLOCKS, SHAFTS & BEARINGS Good

29 INTERMEDIATE SHAFTS & BEARINGS Good

30 HOLDING DOWN BOLTS & CHOCKS Good

31 CONDENSERS (MAIN & AUX.) † Main - Good Aux. - Good

32 STEAM RE-HEATERS

33 DE-SUPERHEATERS Good

34 STOP & MANOEUVRING VALVES

35 MAIN ENGINE DRIVEN PUMPS

36 CRANKCASE DOORS & EXPLOSION RELIEF DEVICES

Have Main Engines been tested working and manoeuvring? Yes-Good

OPINION OF MACHINERY AND RECOMMENDATIONS The machinery of this vessel, so far as now seen, is eligible, in my opinion, to remain as classed with fresh record of E.S. 1-61 SPS 1-61 and MBS 1-61, when the survey has been completed, subject to the main condenser starboard water box door being renewed by 1/62 (12 months limit).

WEDNESDAY - 5 APR 1961

Date of Committee

Decision

ES 1. 61 Subject

SPS 1. 61

40m, 3.58 T. (MADE AND PRINTED IN ENGLAND)

Engine Surveyor to Lloyd's Register of Shipping
(P.H. COLES, R.C. CLAYTON & R.C. CLAYTON)

005029-005037-0274 12

If certificate is required state where to be sent

32 Essential Independent Pumps (Identify by position) **Forward & Aft Ballast Pump - F & A Lub Oil Pumps - F & A Oil Fuel Transfer Pumps.**
Port & Starbd. Boiler Fuel Pumps. Air Pump - Good. Aft Feed Pump.
 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 - Good**
 35 Fresh Water Coolers **Good** 36 Lub. Oil Coolers **Good** 37 Heaters (state service) **Top & Bottom Boiler Fuel Heaters**
HP & LP Feed Heaters.
 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) **Good** 42 Have Evaporator Safety Valves been tested under steam? **Yes - Good**
 43 Evaporators **Good** 44 Windlass **Good** 45 Fire Extinguishing Arrangements **Good**
 46 Steering Machinery **Good**
AUXILIARY ENGINES (Identify by position)
Ford & Aft. Boiler Fan Engine - Good
Inbd. and Outbd. Generator Engine - Good

PROPULSION	PORT	STARBOARD	ELECTRICAL EQUIPMENT	AUXILIARY EQUIPMENT
a Generators			1 Generators & Governors	Good
b Exciters			m Motors	-
c Air Coolers			n Switchboards & Fittings	Good
d Motors			o Circuit Breakers	-
e Air Coolers			p Cables	Good
f Control Gear, Cables, etc.			q Insulation Resistance	Good
g Insulation Resistance			r Steering Gear Generators and Motors	-
h Insulating Oil Test			s Navigation Light Indicators	Good
i Overspeed Governors				
j Magnetic Couplings				
k Air Gap				

BOILERS OPENED UP & EXAMINED (Identify by position and state latest date of internal examination of each boiler)
MAIN **Port 6.12.60. Centre 24.11.60.** **AUXILIARY, DONKEY or PRESS**
Starbd. 30.11.60. - All Good
 Superheaters **P C & S. - Good**
 Safety Valves **P C & S. - Good**
 Mountings, Doors & Fastenings **P C & S. - Good**
 Safety Valves Adjusted to Sat. **-**
 Spt. **-**
 Boiler Securing Arrangements **P C & S. - Good**
 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? **No** Forced Circulating Pumps **-**
 Have Saturated Steam Pipes in cylindrical boiler smoke boxes been examined as required by Rules? **Yes - Good** Funnel **Good**

EXAMINATION & TESTING OF STEAM PIPES (State material)
Main **2 - 7 1/2" D } Steel at 450 lbs/in²** **Auxiliary (over 3 in. bore) 1 - 3 1/2" " } 450 lbs/in² 1 only Copper 3 1/2" - 4**
2 - 6" D } Steel at 450 lbs/in² **Have Saturated Pipes in cylindrical boiler smoke boxes been tested? Yes**
 Were Copper Pipes annealed? **Yes**

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)
Sea Connections: New main injection valve identified Lloyds test 30 lbs. JG 12.12.60 now fitted, original valve found wasted internally. New Ballast Pump Injection Valve identified Lloyd's test 30 lbs. JG 12.12.60 now fitted, original valve found wasted internally. Valve seats renewed on Bilge pump discharge valve and auxiliary condenser discharge valve. Bridge renewed on Lub. Oil Cooler Discharge Valve, spindles renewed on both Ford. & Aft Ballast Pump Discharge Valve.
H.P. TURBINE: Ford. & Aft bearings renewed. Labrynth packing renewed fins having been turned.
L.P. TURBINE PINION: Aft bearing renewed whitmetal being found wiped.
HOLDING DOWN BOLTS: All bolts renewed on Port Side ER duplex pumps - heads found wasted.
MAIN CONDENSER: Starbd. waterbox door found wasted, repairs effected with Catalloy compound and considered satisfactory. It is recommended, however, that this door be renewed by 1/62 (12 months limit).

AUX. CONDENSER: New condenser identified:- Condenser J8400 Lloyd's test JG 25.11.60. new fitted.

FORD. BALLAST PUMP: Piston rod and crosshead renewed - threads found hammered.

Both bucket liners renewed.

BILGE BALLAST & OIL FUEL LINES & FITTINGS: 9 in number lengths ER Bilge Ballast or S.W. circulating line renewed all being found holed. Ford. ballast pump discharge valve went machined and new seat fitted - landing found wasted.

CONTD/ ..

E.S. Survey fees ... £56. 0. 0d. 3876
 M.B.S. £30. 0. 0d. 7
 SPS. £15. 0. 0d. 8
 ELECT. SURVEY £15. 0. 0d. 9
 REPAIRS (Total) £12. 0. 0d. 3880
 Damage fee ...
 Expenses ... £ 3.13. 6d.

Date when A/c rendered 6.2.61

Rpt. 9a.

Port of MANCHESTER

Continuation of Report No. 19746 dated 3.2.1961.

on the

"MANCHESTER PROGRESS."

GENERATOR ENGINES: Please see Manchester Certificate C.4569 attached. Trials satisfactory on completion.

M.B.S. Port Boiler: 6 plain tubes renewed in each furnace - owner's examination. Minor leakage of combustion chamber seams and rivets caulked.

CENTRE BOILER: Seum valve spindle renewed. 6 plain tubes renewed in each furnace - owners examination. 3 in number housing tubes renewed. Minor leakage of combustion chamber seams and rivets caulked.

STARBOARD BOILER: 6 plain tubes renewed in each furnace - owners examination. Minor leakage of combustion chamber seams and rivets caulked.

ELECTRICAL INSTALLATION: Both generators removed ashore and completely rewound and commutators repaired under survey. Accommodation for P.O's midship and crew aft rewired. Minor repairs to wiring and fitting throughout.

NEW EDIBLE OIL TANKS: Heating coils now fitted hydraulically tested to 450 lbs/in² and found satisfactory.

SURVEYORS' TO LLOYD'S REGISTER OF SHIPPING.