



Rpt. 9

Date of writing report 7-12-60 Received London Port DUNDEE No.10215  
Survey held at DUNDEE No. of visits 1 First date and Last date 30-11-60

REPORT OF PERIODICAL SURVEYS & REPAIRS OF MACHINERY

No. in R.B. 57018 Name S.S. "CITY OF LYONS" Gross tons 7248 Date of build 1926 2mo  
Owners Ellerman Lines Ltd. Managers Port of Registry LIVERPOOL  
Engines made 1926 By Wallsend Slipway Co. Ltd. Wallsend. Type 3- Steam Turbines SR Geared  
No. of Main Engines 3 No. of Screws 1  
No. of Main Boilers 3 S.B. W.P. 240 p.s.i. Sup.  
No. of Aux/Donkey Boilers 1 W.P. 150 p.s.i.  
Surveyed Afloat or in Dry Dock Afloat  
Nature of Survey Special Examination.  
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	LMC 5,57
S.S. 5,57	MOS 4,60
DR 10,47	ISCL 1,60
Docking 1,60	SPS 5,57

OF. 2.26.

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.

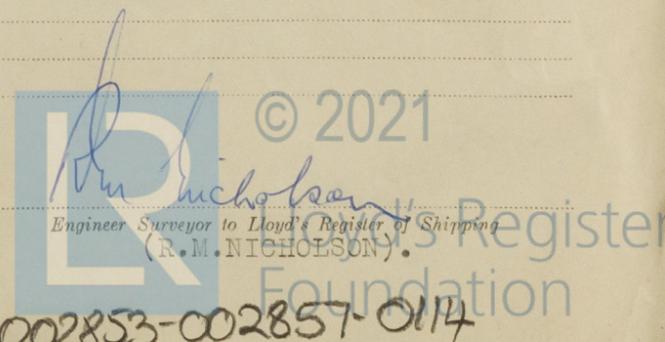
Yes No

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

- 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, Top Ends & Guides Side Centre
- 4 Crankpins & Bearings Side Centre SURVEY CONFINED AS STATED OVERLEAF.
- 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 in good condition and eligible in my opinion to remain as classed without fresh record of survey subject to the main gearing not being used until repaired.

Date of Committee GLASGOW 20 DEC 1960  
Decision Transmit to London



002853-002857-0114

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) .....

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

NOW DONE: .....

Attended on board at Owner's request in order to examine the auxiliary machinery of the vessel for the purpose of an intended voyage under tow from Dundee to a Shipbreakers' Yard on the River Forth.

The boilers, windlass, steering gear and pumping arrangements have been generally examined and found satisfactory.

Upon arrival at Dundee from India, an examination of the main gearing revealed that a number of teeth of the main gear wheel and mating pinions were broken.

Due to the age of the vessel, and the time which would be required to obtain replacements, the Owners have decided against repairing the damage and have accordingly sold the vessel to a shipbreaking concern.

LEAVE THIS SPACE BLANK

Special Exam<sup>n</sup>.  
Survey fees ... £ 5: 5: -

Damage fee ...  
Expenses ... £ 1: 16: 3

Date when A/c rendered ... 11/12/60

*Handwritten notes:*  
10.11.61  
4.11.61  
on this subject  
Metal



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