

Rpt. 9

Date of writing report 20.10.59

26 OCT 1959

Received London

Port Ipswich

No.

Survey held at River Stour, Harwich

No. of visits one

First date and

Last date 14.10.59

REPORT OF PERIODICAL SURVEYS & REPAIRS OF MACHINERY

No. in R.B. 24198 S.S. "ERINIO" EX "OAKBY" Gross tons 7140 Date of build 6.1942

Owners Master Shipping Co. Ltd. Managers C.M. Lemos & Co. Ltd. Port of Registry Beirut

Engines made 1942 By General Machy. Corp. Hamilton Ontario Type Triple Exp. 3 cyl.

No. of Main Engines 1 No. of Screws 1 Records of Survey & Special Notations as per Register Book

No. of Main Boilers 3 W.P. 220 (Spt)

No. of Aux./Donkey Boilers - W.P. -

Surveyed Afloat or in Dry Dock afloat

Nature of Survey Commencement of ES. & MBS.

Was Damage Report issued? No. Int. Cert.? yes

Last Report (For Head Office only)

Hull	Machinery
100 Al. with Fbd.	LMC. 9.54
DS. 12.57	MBS. 8.57
SS. 9.54	TS.CL. 9.55
	Sps. 3.58

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, 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 ship is eligible in my opinion to remain as classed in the Register Book with fresh records of E.S. (with suitable date) and MBS. 10.59 when the surveys have been completed subject to any outstanding conditions of class being dealt with as previously recommended.

Date of Committee

Decision

TUESDAY - 3 NOV 1959

Deferred for comp. ES & MBS

30m, 5.54. T.

Engineer Surveyor to Lloyd's Register of Shipping

J. Porteous

Lloyd's Register Foundation

010283-010288-0140

32 Essential Independent Pumps (Identify by position)..... Condenser Circulating Pump - Good
Inboard and outboard feed pumps
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)..... Inboard and outboard generator engines - Good
Fan engine..... - Good
Condenser circulating pump engine - good

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

BOILERS OPENED UP & EXAMINED (Identify by position and state latest date of internal examination of each boiler)
MAIN Port, Centre and starboard - good. (14.10.59) AUXILIARY, DONKEY or PRESS. -
Superheaters Port, Centre and Starboard - Good
Safety Valves Port, Centre and Starboard - Good
Mountings, Doors & Fastenings Port, Centre and Starboard - Good
Safety Valves Adjusted to { Sat. not adjusted
Spt. not adjusted
Boiler Securing Arrangements Port, Centre and Starboard - 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 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)
Inboard and outboard feed pumps - Water bucket clearance in liners found excessive, It is recommended new buckets be fitted before the completion of the E.S.

Note:- The Owners representatives stated that it is their intention to tow the ship as a hulk to Rotterdam in the near future, where they intend to carry out all outstanding surveys. In the meantime they requested that the items now reported on be examined to progress the survey. The Owners representatives also stated that steam required for lifting anchors etc., will be supplied by the towage tug and that no steam will be supplied by the ships own boilers.

To complete the E.S.:- Inboard and outboard feed pump buckets to be renewed.
All Rule requirements to be complied with except:-
Inboard & outboard generator engines. Fan engine
Condenser circulating pump and engine Inboard & outboard
Feed pumps.

To complete for record of MBS. 10.59:- All main boilers to be examined under steam, their safety valves adjusted and oil burning system and remote controls examined under working conditions.

Survey fees Part E.S. £5..0..0
MBS. £30..0..0

Damage fee ...
Expenses... £1..0..0

Date when A/c rendered 23 Oct 1959

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