

Rpt. 9

Date of writing report 10th May, 1958

Survey held at GENOA

Received London

No. of visits 14

WRECK
SECTION

Port of GENOA

First date 16/4/58

Last date 6/5/58

No. 23319

REPORT OF PERIODICAL SURVEYS & REPAIRS OF MACHINERY

No. in R.B. 43936 Name M.V. "LA LIGURIA" Gross tons 5151 Date of build 5-1924
Owners FRASSINETTI & C. Soc. It. di Nav. p. A. Managers - Port of Registry Genoa
Engines made 1924 By Harland & Wolff Ltd. - Glasgow. Type 2 Oil Engines
No. of Main Engines 2 No. of Screws 2
No. of Main Boilers - W.P. -
No. of ~~App~~ Donkey Boilers 1 W.P. 110 lbs.
Surveyed Afloat or in Dry Dock afloat
Nature of Survey C.S. & Repairs.
Was Damage Report issued? - Int. Cert.? yes.
Last Report (For Head Office only)

Records of Survey & Special Notations as per Register Book

Hull	Machinery
+100A1 with fbd Carrying veg. oil in DT	+LMC CS 4/54
SS (Dr) 1/49	BS a 4/57
H.Kg 4/54	TS CL p 7/56
Dkg 1/57	s 3/54
	SP 4/54

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 All = good. Covers † All = good. Covers †
2 Valves & Gears good good.
3 Connecting Rods, Top Ends & Guides ~~Side~~ Centre Nos. 1 & 6 = good. Nos. 5 & 6 = good.
4 Crankpins & Bearings ~~Side~~ Centre
5 Journals & Bearings All = good.
MAIN ENGINE DRIVEN AIR COMPRESSORS
6 Cyls., Covers, Pistons & Rods good. good.
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 PUMPS~~
17 ~~SCAVENGE PUMPS~~
18 ~~SCAVENGE PUMPS~~
19 ~~SCAVENGE PUMPS~~
20 ~~SCAVENGE PUMPS~~
21 ~~SCAVENGE PUMPS~~
22 ~~SCAVENGE PUMPS~~
23 THRUST BLOCKS, SHAFTS & BEARINGS good good
24 INTERMEDIATE SHAFTS & BEARINGS good good
25 HOLDING DOWN BOLTS & CHOCKS
26 CONDENSERS (MAIN & AUX.) good.
27 ~~STEAM RE-HEATERS~~
28 ~~STEAM RE-HEATERS~~
29 ~~STEAM RE-HEATERS~~
30 MAIN ENGINE DRIVEN PUMPS
31 CRANKCASE DOORS ~~SCAVENGE PUMPS~~ good. Have Main Engines been tested working and manoeuvring?

OPINION OF MACHINERY AND RECOMMENDATIONS The machinery of this ship, as now seen, is in good and safe working condition and eligible, in my opinion, to remain as now Classed with fresh record of CS (with date) when the survey has been completed, subject to the cylinder covers of Nos. 1, 2, 3, 4 & 6 units Port Main Engine and Nos. 1, 4 & 5 of Stbd main engine and to the cylinder jacket repair Port No. 5 unit all being re-examined before the end of February, 1959 and to the new generator engine installation being placed in order with Rule Requirements before the end of August, 1958.=

Date of Committee

Decision

TUESDAY 24 JUN 1958

Deferred for CP CS (by 2.59)

(W. Filmer Lee)

Engineer Surveyor to Lloyd's Register of Shipping

32 Essential Independent Pumps (Identify by position) Piston cooling F.W. pump - Ballast pump - Aux. condenser -
S.W. Circ.pump - Inboard G.S. pump - Port, L.O. pump - Fwd feed pump - Upper F.O. unit pump - GOOD.
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 Cooler M.E. tested=good 37 Heaters (state service)
38 Independent Air Compressors, Coolers & Safety Devices Auxiliary electric driven and steam driven - good.
39 Air Receivers & Safety devices—Main Upper starting, aft. main injection- 40 Auxiliary injection and starting tested - good.
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) Forward diesel generator engine. Steam generator engine - good.

ELECTRICAL EQUIPMENT			
PROPULSION	PORT	STARBOARD	AUXILIARY EQUIPMENT
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)

WEAR AND TEAR REPAIRS : Main Engine. The following cylinder covers found cracked between exhaust fuel and valve parts : Port Nos. 1, 3, 4 & 6 - Stbd Nos. 1, 4 & 5 - These covers have now been Metalock repaired.

CONDITION OF CLASS : No. 2 port cylinder cover re-examined and found to continue efficient. It is recommended that Port Nos. 1, 2, 3, 4 & 6 - Stbd Nos. 1, 4 & 5 cylinder covers be re-examined before the end of February

Port No.5 cylinder cover renewed identified as follows : LLOYD'S DC WT 50 lbs. 15/3/58.=

NOTE : The Owners Representative states that several new cylinder covers have been placed in order and these will be fitted as received.

The auxiliary condenser examined under test and the shell heavily hammered and found satisfactory welded patch at bottom on outboard end found tight & secure. A number of choked tubes renewed.

It is submitted that this Condition of Class be deleted.

The port M.E. No.5 cylinder jacket repair examined under hydraulic test and found tight & secure.

It is however recommended that this repair should be again examined before the end of February 1959.

NEW INSTALLATION: A new generator engine has been installed on middle platform stbd side

Prime mover and generator details as follows :

Prime mover Daimler-Benz 3 cylindered oil engine. (Engine of mass produced type)

Type M 203/B Engine No. 7501481

D.C. Generator - Maker : Pellizzari Arzignemo.

Type - P.P.U.M. 900 No. 1256671- 45 KW -Volts 220 - Amps 205- R.P.M. 1000

This installation was not completed at time of sailing of ship. It is therefore

recommended that this installation should be examined and placed in order

Rule Requirements, before the end of August, 1958. A proposed wiring diagram

the above installation is attached hereto.

NOTE : The Owners Representative states that it is proposed to complete

survey on the CS basis ~~survey~~ during calls at this and other ports

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Elect. plan
checked by
CES Elect DN
R

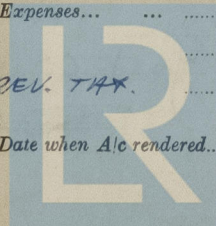
Rep. C.S. - Lt 48,000 -

REPAIRS & NEW INSTALL. Lt 64,000 -

Expenses... Lt 25,932 -

REV. TAX Lt 4138

Date when A/c rendered 23/5/58



Lloyd's Register
Foundation