

7 FEB 1962

-5. FEB. 1962

Rpt. 9

DECLASSIFIED  
SECTION

No. 740

26671

Date of writing report 24-1-1962

Received London

Port OF GENOA

No.

Survey held at at Genoa

No. of visits 3

First date 12-1-62

Last date 15-1-62

## REPORT OF PERIODICAL SURVEYS & REPAIRS OF MACHINERY

MIN. LUCRINO

No. in R.B. 29133. Name S.S. ~~MYX~~ EX' SAINT EDMUND "

Gross tons 7174 Date of build 5-1942

Owners The Saint Line Ltd.

Managers -

Port of Registry London

Engines made 1942

By General Machinery Corp. - Hamilton

Type T 3 Cy.

No. of Main Engines 1 No. of Screws 4

Records of Survey & Special Notations as per Register Book

No. of Main Boilers 3 SB W.P. 220 lbs.

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

Surveyed Afloat or in Dry Dock afloat

Nature of Survey Repairs

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

Last Report (For Head Office only)

7425

NAP

Hull	Machinery
+ 100 A1 with freeboard	+ LMC 5/61
SS 5/61	MBS 4/61
DS 5/61	TS CL 5/61N
	SP 1/57

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 6F KCK)

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, so far as now surveyed, is in efficient condition and eligible in my opinion to remain as now classed without fresh record, subject to the outboard independent feed pump (Metalock) to be specially examined by 5.62 (12 months) as previously recommended.

Date of Committee

TUESDAY 13 FEB 1962

Decision

As now subject

Noted  
for  
order

20m,4,61 T. (MADE AND PRINTED IN ENGLAND)

(S. Folio)

Engineer Surveyor to Lloyd's Register of Shipping

Lloyd's Register  
Foundation

009943-009953-0166

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)

ELECTRICAL EQUIPMENT			
PROPULSION	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)

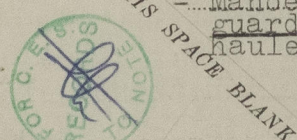
MAIN
Superheaters
Safety Valves
Mountings, Doors & Fastenings
Safety Valves Adjusted to { Sat. Spt.
Boiler Securing Arrangements
Main Economisers
Steam Heated Steam Generators
Steam Generator Safety Valves Adjusted to
Were Oil Burning System & Remote Controls examined working in accordance with Rules?
Have Saturated Steam Pipes in cylindrical boiler smoke boxes been examined as required by Rules?
AUXILIARY, DONKEY or PRESS
Exhaust Gas Heated Economisers
Forced Circulating Pumps
Funnel

EXAMINATION & TESTING OF STEAM PIPES (State material)

Main
Were Copper Pipes annealed?
Auxiliary (over 3 in. bore)
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)

REPAIRS - Telemotor transmitter on bridge house, for steering machinery, stated working irregularly, removed to workshop and overhauled: both racks found bent now faired and dressed up together with their teeth; two guides for same found worn now renewed.=
Pistons found scored now skimmed up and gland packing renewed.= Handle wheel pinion and shaft found scored and worn renewed with its bearings.= Remaining parts placed in good working conditions.=
Telemotor receiver in the steering engine room checked and found in order.=
Differential distribution steam valves of steering engine and its reducing steam valve found not in order, now overhauled, steam valve piston skimmed, liner renewed and diaphragm of reducing valve renewed.
All the above parts have been examined under working conditions on completion with good results.=
On account of damage stated sustained through heavy weather encountered from 8th to 9th January 1962:-
Guard steel plates with their supports on steam pipes abreast hatch No2 found torn & broken now partly renewed or faired as found necessary.
Manoeuvring valve, its movements & steam pipe connections with their guard steel plates of winch No2 SS found damaged have been overhauled and repaired as found necessary.



Survey fees ...

Rphos Ltd 24.000

Damage fee ...

Expenses... Lit. H. 495

R.T. > 940

Date when A/c rendered 1/2/1962

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Lloyd's Register Foundation