

Rpt. 9

Date of writing report 10th Aug. 55

Received London

22 AUG 1955

Port of Genoa

No.

20911

Survey held at Ba Spuria

No. of visits 5

First date 11th JulyLast date 21st July 1955

REPORT OF PERIODICAL SURVEYS & REPAIRS OF MACHINERY

No. in R.B. 59094 S.S. Name "ENRICO INSOM" Gross tons 10427 Date of build 1944
 Owners Enrico Insom Managers Port of Registry Rome
 Engines made 1944 By General Electric Co. Type Steam Turbine conn. to electric motor
 No. of Main Engines 1 No. of Screws 1
 No. of Main Boilers 2 W.P. 500 lbs
 No. of Aux./Donkey Boilers 1 W.P. 1
 Surveyed Afloat or in Dry Dock both
 Nature of Survey BS & Machinery
 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
100 A 1	LMC 7.52
4.54 NWC	BS 4.54
Closed 2.49	TS CL 1.53
SS. NWC 4.53	
Carrying petroleum in bulk.	
OF.	

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 4.5 mm Oil Glands Sea Connections good
 Fastenings good Has Screwshaft/Tubeshaft been drawn? no Date of Examination Has Shaft been changed? no
 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 good

EXHAUST STEAM TURBINES (WITH RECIP. ENGINES)

STEAM COMPRESSORS

CLUTCHES & HYDRAULIC COUPLINGS

REDUCTION GEARING

THRUST BLOCKS, SHAFTS & BEARINGS

INTERMEDIATE SHAFTS & BEARINGS

HOLDING DOWN BOLTS & CHOCKS

CONDENSERS (MAIN & AUX.) main good (Hydr. tested after repairs-)

STEAM RE-HEATERS

DE-SUPERHEATERS

STOP & MANOEUVRING VALVES good

MAIN ENGINE DRIVEN PUMPS

CRANKCASE DOORS & EXPLOSION RELIEF DEVICES

Have Main Engines been tested working and manoeuvring? no

OPINION OF MACHINERY AND RECOMMENDATIONS

This vessel's machinery is eligible, in my opinion, to be continued as now closed with fresh record of BS 7.55-

Subject

Date of Committee

THURSDAY 15 SEP 1955

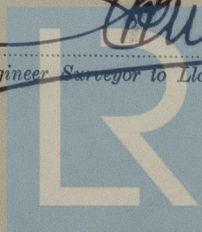
Decision

As now, Subject.

BS 7.55

30m, 5.54. T.

Engineer Surveyor to Lloyd's Register of Shipping



Lloyd's Register Foundation

011433-011440-0302

If so, is the Report sent now, or when will it be sent?

If certificate is required state where to be sent.

32 Essential Independent Pumps (Identify by position). *Stbd extraction pump - Main circulating pump - After main feed 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 Coolers

37 Heaters (state service)

Feed water & Butterworth water good (hydr. tested after repairs)

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)

Port & Stbd aux. engines and generators examined throughout

PROPULSION

PORT

ELECTRICAL EQUIPMENT

STARBOARD

AUXILIARY EQUIPMENT

a Generator *good*
b Exciters *good*
c Air Coolers *good (hydr. test)*
d Motors *good*
e Air Coolers *good (hydr. test)*
f Control Gear, Cables, etc. *✓*
g Insulation Resistance *good*
h Insulating Oil Test *✓*
i Overspeed Governors *✓*
j Magnetic Couplings *✓*
k Air Gap *✓*

l Generators & Governors *port & stbd good (stbd side outboard and inboard)*
m Motors *✓*
n Switchboards & Fittings *✓*
o Circuit Breakers *✓*
p Cables *✓*
q Insulation Resistance *good*
r Steering Gear Generators and Motors *✓*
s Navigation Light Indicators *✓*

BOILERS OPENED UP & EXAMINED (Identify by position and state latest date of internal examination of each boiler)

MAIN *Port & Stbd good (15-7-55; 13-7-55)* AUXILIARY, DONKEY or PRESS

Superheaters *good*

Safety Valves *good*

Mountings, Doors & Fastenings *good*

Safety Valves Adjusted to { Sat. *500 lbs.*
Spt. *473 lbs.*

Boiler Securing Arrangements *good*

~~Main~~ *Air heaters good*

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? *yes*

Forced Circulating Pumps *✓*

Have Saturated Steam Pipes in cylindrical boiler smoke boxes been examined as required by Rules? *✓*

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.

(are subjects of class)

(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 effected for W&T: About 20 tubes of the air heater of the port boiler, found wasted, have now been renewed - 38 leaking tubes of the main condenser have now been renewed - Few leaking tubes of the feed water heater have now been reexpanded - The shell of the Butterworth water heater, found wasted has been cracked and part renewed - Both boilers brickworks have been repaired - The casing of the after feed pump, found cracked in two places has been repaired by E.W. - The port turbine (starts inboard) aux., found with the rotor shaft corroded in way of the centre gland, has been superficially remediated by spray and a new gland fitted - The commutator of the inboard exciter has been re-insulated and machined - The impeller of the main circ. pump has been found corroded, but still efficient, it has been suggested that a new one should now be ordered, to have it fitted in place when necessary -

Other minor repairs have been effected - The above parts of machinery have been examined at the Owner's request -

DOCKING (M) Lt 12,000 = 10% = Lt 10,200 =

Survey fees

MACH. PARTS Lt 24,000 10% = Lt 20,400 =

B.S. Lt 48,000 = 10% = Lt 40,800 =

CAR FUND Lt 714 =

Expenses... Lt 23,386 =

REV. TAX Lt 285 =

Date when A/c rendered

18/8/55

Lloyd's Register Foundation

CLASS L.R. & R.I.