

Rpt. 5

Date of writing report 27/7/61  
Survey held at CartagenaReceived London  
No. of visits 1Port VALENCIA No. 1247  
First date and Last date 18/7/61

## REPORT OF PERIODICAL SURVEYS &amp; REPAIRS OF MACHINERY

No. in R.B. 20301 Name M.V. "LOYOLA" Gross tons 9717 Date of build 1936-9  
Owners Corona Shipping Corp. Managers - Port of Registry Monrovia  
Engines made 1936 By Masch. Augsburg-Nürnberg - Augsburg Type Oil Engine 2 DA 6 Cyl.  
No. of Main Engines 1 No. of Screws 1  
No. of Main Boilers - W.P. -  
No. of Aux./Donkey Boilers 2 db W.P. 170 lbs.  
(db(ex.g.) 170 16)  
Surveyed Afloat or in Dry Dock Afloat  
Nature of Survey S.R.L. & repairs  
Was Damage Report issued? No Int. Cert.? Yes  
Last Report (For Head Office only) VAL 1231

Records of Survey &amp; Special Notations as per Register Book

Hull	Machinery
+100Al oil tanker	+LMC-CS 3,57
S.S. (Dr) 3,57	DBS 8,60
D.S. 8,60	TS (CL) 4,59

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.)

PORTX

STARBOARD

1 Cyls., Covers, Pistons &amp; Rods.....

2 Valves &amp; Gears.....

3 Connecting Rods, { Side.....  
Top Ends & Guides { Centre.....4 Crankpins & { Side.....  
Bearings { Centre.....

5 Journals &amp; Bearings.....

No 7 - Good

MAIN ENGINE DRIVEN AIR COMPRESSORS

6 Cyls., Covers, Pistons &amp; Rods.....

7 Connecting Rods &amp; Top Ends.....

8 Crankpins &amp; Bearings.....

9 Journals &amp; Bearings.....

10 Coolers &amp; Safety Devices.....

MAIN ENGINE DRIVEN SCAVENGE PUMPS

11 Cyls., Covers, Pistons &amp; Rods.....

12 Connecting Rods &amp; Top Ends.....

13 Crankpins &amp; Bearings.....

14 Journals &amp; Bearings.....

15 Levers.....

16 SCAVENGE BLOWERS.....

17 SUPERCHARGERS.....

MAIN TURBINES

18 Casings, Rotors, Blading, Bearings &amp; Thrusts.....

19 EXHAUST STEAM TURBINES (WITH RECIP. ENGINES).....

20 STEAM COMPRESSORS.....

21 CLUTCHES &amp; HYDRAULIC COUPLINGS.....

22 REDUCTION GEARING.....

23 THRUST BLOCKS, SHAFTS &amp; BEARINGS.....

24 INTERMEDIATE SHAFTS &amp; BEARINGS.....

25 HOLDING DOWN BOLTS &amp; CHOCKS.....

26 CONDENSERS (MAIN &amp; AUX.).....

27 STEAM RE-HEATERS.....

28 DE-SUPERHEATERS.....

29 STOP &amp; MANOEUVRING VALVES.....

30 MAIN ENGINE DRIVEN PUMPS.....

31 CRANKCASE DOORS &amp; EXPLOSION RELIEF DEVICES.....

Have Main Engines been tested working and manoeuvring?

OPINION OF MACHINERY AND RECOMMENDATIONS

The machinery of this vessel is eligible, in my opinion, to remain as classed with fresh record of CS (with date) when the survey has been completed, without special condition concerning the independent bilge pump but subject to main engine No 4 column repair being specially examined by the end of February 1962 and to all outstanding subjects being dealt with as recommended.

Date of Committee

Decision

50m,4,59 T. (MADE AND PRINTED IN ENGLAND)

THURSDAY 24 AUG 1961

For E.Montalbo (Acting Surveyor)

Noted  
for  
Header

Engineer Surveyor to Lloyd's Register of Shipping

003671-003678-0177



32 Essential Independent Pumps (Identify by position) Bilge starboard aft - 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)

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	
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)

S.R.L. ITEM (1):- Main engine N° 4 column repair to be examined and dealt with as necessary by the end of July 1961. (Noted as N° 6 on Cadiz Interim Certificate).

NOW DONE:- Main engine N° 4 column repair now examined and whilst this repair was found to remain efficient, it is recommended that it be again examined in 6 months time.

S.R.L. ITEM (2):- Independent Bilge pump water end to be renewed by the end of October 1961.

NOW DONE:- Independent Bilge pump existing water end now replaced by a new tested water end. On completion of the repair the pump was tested under working conditions with satisfactory results and it is recommended that this item be deleted from the S.R. List.

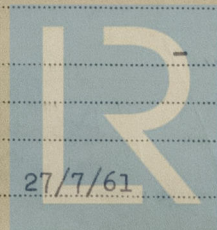
W. & T. REPAIRS:- Main engine crankshaft journal N° 7 now replaced, at Owners instance, by a new journal supplied by the engine Makers. This repair was examined and found satisfactory.

LEAVE THIS SPACE BLANK

Survey fees Spec. exam. 1,500'- Pts.  
Repairs 1,000'- Pts.

Damage fee ...  
Expenses...

Date when A/c rendered 27/7/61



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