

Rpt. 9

Date of writing report 2.6.60

Received London

Port Piraeus

No. 8461

Survey held at Kynossoura

No. of visits 1

First date and

Last date 1.6.60

REPORT OF PERIODICAL SURVEYS & REPAIRS OF MACHINERY

No. in R.B. 02347 S.S. "ARO"

Gross tons 7221 Date of build 1930-3

Owners Aro Tankers Co.S.A.

Managers -

Port of Registry Panama

Engines made Wal. By Wallsend Slpwy Co.Ltd.

Type T. 3. Cy.

No. of Main Engines 1 No. of Screws 1

Records of Survey & Special Notations as per Register Book

No. of Main Boilers 3 SB W.P. 180 lbs.

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

Surveyed Afloat or in Dry Dock Afloat

Nature of Survey Part MBS

Was Damage Report issued? N.O. Int. Cert.? Yes.

Last Report (For Head Office only)

Hull		Machinery	
+100A1		+LMC	
oil tanker		ES	2,56
SS(Dr)	2,56	MBS	1,59
DS	1,59	TS CL	11,57
		SPS	2,56

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 vessel is eligible in my opinion to remain as now classed in the Register Book with fresh record of M.B.S. 6,60 on completion of the survey, bu adjustment of ~~six~~ safety valves of all boilers under steam, examination under working conditions of the O.F. Burning Unit & Remote Controls & the fire extinguishing arrangements are tested.

Date of Committee

TUESDAY 28 JUN 1960

Decision

Deferred for ES & comp MBS

40m,3,58 T. (MADE AND PRINTED IN ENGLAND.)

Engineer Surveyor to Lloyd's Register of Shipping

Lloyd's Register Foundation

002498-002505-0047

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..... No.

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 Aft P & S & Fwd. Blrs 1.6.60 Good. ~~AUXILIARY, DONKEY & PUMPS~~

~~Superheaters~~

Safety Valves Good.

Mountings, Doors & Fastenings Good.

Safety Valves Adjusted to { Sat. Not adjusted.
SpX

Boiler Securing Arrangements 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? - 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)

To complete the boiler survey the safety valves of all boilers remains to be adjusted under steam, the O.F. Burning Unit & Remote Controls to be examined under working conditions and the fire extinguishing arrangements to be tested.

Note:- This vessel is now laid up at Kynossoura and owners representative states that the vessel will be going for scrap in the near future.

Condition of class(B)
LP cylinder wall metalocked at aft top end, nothing done at this time.

J. J. H.

MB 3 due 1.6.60 now partly held

It is submitted that the vessel WILL BE eligible for the record MB 3 6.60 when the survey has been completed. as per the report

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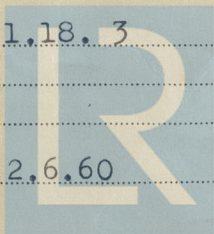
Survey fees £ 36. 0. 0

Stamps 9

Damage fee ...

Expenses... 1. 18. 3

Date when A/c rendered 2. 6. 60



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