

SEP 1960

Rpt. 9

Date of writing report 6.9.60 Received London Port Piraeus No. 8595
Survey held at Kynossoura, Greece. No. of visits 2 First date 7.7.60 Last date 16.7.60

REPORT OF PERIODICAL SURVEYS & REPAIRS OF MACHINERY

No. in R.B. 52360 Name S.S. "ARO" Gross tons 7221 Date of build 3-1930
Owners Aro Tankers Co. S.A. Managers - Port of Registry Panama
Engines made Wal. By Wallsend Slpwy. Co. Ltd. Type T 3cy.

Table with columns: Hull, Machinery. Rows: +100A1, oil tanker, E.S., 2,56; S.S., 2,56(Dr.), MBS, 1,59; D.S., 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.

- DOCKING Propellers, Wear Down of Stern Bushes, Oil Glands, Sea Connections
Fastenings, Has Screwshaft Tubeshaft been drawn?, Date of Examination, Has Shaft been changed?
MAIN ENGINES (Recip. Steam or I.C.) PORT STARBOARD
1 Cyls., Covers, Pistons & Rods
2 Valves & Gears
3 Connecting Rods, Top Ends & Guides
4 Crankpins & Bearings
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? Yes.

OPINION OF MACHINERY AND RECOMMENDATIONS The Machinery of this vessel is in my opinion eligible to remain as now classed in the Register Book with fresh record of MBS 6,60 now as previously recommended.

Has a Survey also been held on Ship? If so, is the Report sent now, or when will it be sent?

Yes. Now.

If certificate is required state where to be sent

Date of Committee TUESDAY 11 OCT 1960
Decision Noted



002498-002505-0042

- 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).....

PROPULSION		ELECTRICAL EQUIPMENT	
PORT	STARBOARD	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~~

~~X Superheaters~~.....

Safety Valves.....

Mountings, Doors & Fastenings.....

Safety Valves Adjusted to { Sat. All 3 boilers adjusted 180 lbs./sq.in.
Spk.

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? Yes. ~~Forced Circulating Pumps~~

Have Saturated Steam Pipes in cylindrical boiler smoke boxes been examined as required by Rules? None. 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)

Machinery generally examined as per circular No. 1959 for postponement of engine survey for voyage to La Spezia for breaking up.

Main and auxiliary machinery and pumping arrangements tested and working conditions. The electrical installation megger tested. All found in efficient condition.

It is submitted that a recommendation of extension of survey for voyage to La Spezia be favourably received.

ed.S.A. done 1/60 partly held 6/60 now completed. General Examination carried out in accordance with Cir 1959. Found good, survey recommended. Forfeiture of L.S. for voyage to La Spezia.

It is submitted that this vessel is eligible for TIR RECORD. ed.S.A. 6/60 10.8.60

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Survey fees	... £ 27.10.0
Completion MBS	... 5.0.0
Stamps	... 9
Damage fee	...
Expenses...	... 1.17.3
Date when A/c rendered	... 6.9.60

