

Rpt. 9

Date of writing report 15-12-61

Survey held at Santander

Received London

No. of visits 2

Port Bilbao

First date 6-6-61

Last date 8-6-61

No. 15108

REPORT OF PERIODICAL SURVEYS & REPAIRS OF MACHINERY

No. in R.B. 52391 S.S. "ARTAGAN" Gross tons 3153 Date of build 3-1922
Owners Cia. Naviera Vascongada Managers Port of Registry Bilbao
Engines made 1922 By G. Clark Ltd. Type T 3 Cy.
No. of Main Engines 1 No. of Screws 1
No. of Main Boilers 3 W.P. 180 lb/in2
No. of Aux./Donkey Boilers W.P.
Surveyed Afloat or in Dry Dock Both
Nature of Survey General Examination
Was Damage Report issued? No Int. Cert.? Yes
Last Report (For Head Office only)

Hull		Machinery	
± 100 A 1	3.60	± L M C	
S.S.	6.57	ESS	6.57
		MBS	9.60
		TS (CL)	5.57
		SPS	6.57
		OF	6.57

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 Good Wear Down of Stern Bushes 2.5 mm Oil Glands Sea Connections Not exmd
Fastenings Good Has Screwshaft/Tubeshaft been drawn? No 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)

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? Yes

OPINION OF MACHINERY AND RECOMMENDATIONS. The machinery of this vessel so far as now seen is in my opinion in efficient condition and eligible to remain as classed without fresh record.

WEDNESDAY 24 JAN 1962

Date of Committee

Decision

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

- 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
a	Generators		
b	Exciters		
c	Air Coolers		
d	Motors		
e	Air Coolers		
f	Control Gear, Cables, etc.		
g	Insulation Resistance		
h	Insulating Oil Test		
i	Overspeed Governors		
j	Magnetic Couplings		
k	Air Gap		
		AUXILIARY EQUIPMENT	
		l Generators & Governors	Good
		m Motors	-
		n Switchboards & Fittings	Good
		o Circuit Breakers	Good
		p Cables	Good
		q Insulation Resistance	Good
		r Steering Gear Generators and Motors	-
		s Navigation Light Indicators	Good

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			
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)

GENERAL EXAMINATION: A general examination of the machinery for postponement of the Engine Survey was carried out in accordance with circular No 1959 and as authorized by the Secretary's letter dated 19th May, 1961.

The log books were examined and the machinery examined under working conditions. The Chief Engineer stated that the machinery had been operating satisfactorily.

It is submitted that the Owner's application for postponement of the E.S. until June 1962 be favourably considered.

General Examination 2.065 pts.

Survey fees

Damage fee

Expenses...

Date when A/c rendered.



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Lloyd's Register Foundation

M.B.S. due 9/61, commenced 12/61, NOT returned
E.S. due 6/61 (Postponement of E.S. until 6/62 approved
provided G.E. held.)
G.E. was held.

It is submitted that this
vessel is eligible to remain
as UNCLASSIFIED.

It is further submitted that postponement
of E.S. until 6/62 must be approved.

AB. Postponement approved 9/9/61.
29/1/62
LEAVE THIS SPACE BLANK