

2 SEP 1960

Rpt. 9

Date of writing report 25.8.60  
Survey held at Bilbao

Received London  
No. of visits 1

Port Bilbao  
First date and Last date 13.8.60

No. 12894

# REPORT OF PERIODICAL SURVEYS & REPAIRS OF MACHINERY

No. in R.B. 59729 S.S. "ELORRIO" Gross tons 5153 Date of build 3 - 1922

Owners Naviera Ibaizaba S.A. Managers - Port of Registry Bilbao

Engines made Grk. By J. G. Kincaid & Co. Ltd. Type Steam reciprocating

No. of Main Engines 1 No. of Screws 1 Records of Survey & Special Notations as per Register Book

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

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

Surveyed Afloat or in Dry Dock Dry dock

Nature of Survey Docking

Was Damage Report issued? No Int. Cert.? Yes

Last Report (For Head Office only)

Hull		Machinery	
+ 100A1		+ I.M.C.	
shelter deck with fbd.		E.S.	11,56
S.S.(Dr)	11,56	MBS.	1,59
	1,59	TS(CL)	1,59N
		SPS.	11,56
		O.F.	3,22

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 3 mm. Oil Heads Sea Connections

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 Brand?

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

EXHAUST STEAM TURBINES (WITH RECIP. ENGINES)

19

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 so far as now seen is

in efficient condition to remain as class without fresh record of Survey subject to all

conditions at present attached to the vessel class being dealt with as previously recommended

by the end of November, 1960

Date of Committee

Decision As now, subject

Date of Committee

Decision

TUESDAY 20 SEP 1960

As now, subject



002659-002666-0242

certificate is required state where to be sent

32 Essential Independent Pumps (Identify by position) .....

33 Edge, 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) .....

ELECTRICAL EQUIPMENT

PROPELLER	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 .....  
Spr. ....

Boiler Seaming 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)

LEAVE THIS SPACE BLANK

Survey fees ... 300 Ptas.

Damage fee .....

Expenses... SA Fee 400

Date when A/c rendered... 29.8.60

