

Rpt. 9

Date of writing report 4.2.60
Survey held at BilbaoReceived London
No. of visits 8Port Bilbao
First date 28.11.59

Last date 13.1.59

12 FEB 1960

12759

REPORT OF PERIODICAL SURVEYS & REPAIRS OF MACHINERY

No. in R.B. 21199 S.S. "MARQUES DE URQUIJO" Gross tons 2567 Date of build 1 - 1894

Owners Altos Hornos de Vizcaya S.A.

Managers -

Port of Registry Bilbao

Engines made Sld. By J. Dickinson

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 2 SB W.P. 160 lbs.

No. of Donkey Boilers 1 W.P. 100 lbs.

Surveyed Afloat or in Dry Dock Both

Nature of Survey G.E. MBS. DBS. Cond of Class

Was Damage Report issued? - Int. Cert.? Yes

Last Report (For Head Office only)

Hull
+ 100A1

part awning deck with

freeboard

S.S. (Dr) 12,55

3,59

Machinery
+ IMC.

E.S. 12,55

SPS. 12,55

MBS. 3,59

DBS. 3,59

NDB. 07

TS(CL) 3,58

Now

Yes

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 3/16" Oil Glands - 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 gland? -

MAIN ENGINES (Recip. Steam or I.C.)

PORT

STARBOARD

1 Cyls., Covers, Pistons & Rods

2 Valves & Gears

3 Connecting Rods, Side
Top Ends & Guides Centre4 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 ship as now surveyed is eligible to remain as present classed with fresh records of MBS. 12,59 and DBS. 12,59 subject to the donkey boiler not being operated above 75 lbs/sq.ins pending repairs to the ogee ring.

Date of Committee

Decision

TUESDAY 1 MAR 1960

As above subject

MBS 12,59 DBS 12,59

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

Engineer Surveyor to Lloyd's Register of Shipping

011071-011078-0106

If certificate is required state where to be sent

- 32 Essential Independent Pumps (Identify by position)
- 33 Hinge, 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

PROPULSION	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 Over-speed Governors			
j Magnetic Couplings			
k Air Gap			

BOILERS OPENED UP & EXAMINED (Identify by position and state latest date of internal examination of each boiler)

26.12.59

MAIN Port & Starb. 16.12.59

~~AUXILIARY~~ DONKEY & PRESS

Superheaters	Good	Good
Safety Valves	Good	Good
Mountings, Doors & Fastenings	160 lbs.	75 lbs.
Safety Valves Adjusted to	Good	Good
Boiler Securing Arrangements		
Main Economisers		Exhaust Gas Heated Economisers
Steam Heated Steam Generators		Steam Generator Safety Valves Adjusted to
Wet 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

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)

Now Done for General Examination

The machinery examined for postponement of machinery survey in accordance with Circular No 1959 as authorised in the Secretary's letter dated 10th April 1959.

The log books examined and the machinery generally examined under working conditions, and the electrical circuits megger tested. The Chief Engineer stated that the machinery is giving satisfaction.

Cond. Class S.R.L. 172 The ogee ring of the Donkey boiler specially examined.

The boiler is considered to remain efficient, but it is recommended that the present condition of class be retained.

LEAVE THIS SPACE BLANK

Survey fees MBS. 3840 Ptas.
DBS. 1680 "

Cond. Class. 750 "
Gen. Exam. 1900 "

Damage fee 500
19/12 S.A.F. Fee
Expenses... CA 150

Date when A/c rendered

6/2/60

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Foundation