

Rpt. 9

Date of writing report 18.3.61
Survey held at BilbaoReceived London
No. of visits 10Port Bilbao 2 MAY 1961 No. 13068
First date 30.1.61 Last date 24.2.61

REPORT OF PERIODICAL SURVEYS & REPAIRS OF MACHINERY

No. in R.B. 84905 S.S. Name "VASCO"
Owners Jose Guezuraga Urizar Gross tons 1193 Date of build 6-1926
Engines made Glasgow By D. Rowan & Co. Ltd. Managers - Port of Registry Cadiz
Type Steam Reciprocating
No. of Main Engines 1 No. of Screws 1
No. of Main Boilers 2 SB W.P. 180 lbs.
No. of Aux./Donkey Boilers - W.P. -
Surveyed Afloat or in Dry Dock Both
Nature of Survey E.S. TS. SPS. and MBS.
Was Damage Report issued? No Int. Cert.? Yes
Last Report (For Head Office only)

Records of Survey & Special Notations as per Register Book

Hull		Machinery	
+ 100A1		+ LMC	
S.S.	1,57	E.S.	1,57
	1,60	MBS.	12,59
		TS(CL)	12,59
		SPS.	1,57

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 Rewooded Oil Glands - Sea Connections Good
Fastenings Good Has Screwshaft ~~Tubeshaft~~ been drawn? Yes Date of Examination 4.2.61 Has Shaft been changed? No
Has Shaft now fitted been previously used? - Has Shaft now examined/fitted a continuous liner? Yes Approved oil gland? No

MAIN ENGINES (Recip. Steam or ~~ICE~~) ~~PORT~~
1 Cyls., Covers, Pistons & Rods All Good
2 Valves & Gears All Good
3 Connecting Rods, Top Ends & Guides Side All Good
Centre
4 Crankpins & Bearings Side All Good
Centre
5 Journals & Bearings All Good

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 Good

24 INTERMEDIATE SHAFTS & BEARINGS Good

25 HOLDING DOWN BOLTS & CHOCKS Good

26 CONDENSERS (MAIN & ~~HEAT~~) Good

27 STEAM RE-HEATERS

28 DE-SUPERHEATERS

29 STOP & MANŒUVRING VALVES Good

30 MAIN ENGINE DRIVEN PUMPS Good

31 CRANKCASE DOORS & EXPLOSION RELIEF DEVICES

Have Main Engines been tested working and manœuvring? Yes

OPINION OF MACHINERY AND RECOMMENDATIONS

The machinery of this vessel so far as now seen, is in good condition and eligible in my opinion to remain as classed with records of E.S. 2,61, MBS. 2,61 TS(CL) 2,61 and SPS. 2,61

Date of Committee THURSDAY 15 JUN 1960

Decision ES 2,61

TS 2,61, MBS 2,61

50m,4,59 T. (MADE AND PRINTED IN ENGLAND)

SPS 2,61

CERTIFICATE WRITTEN

Engine Surveyor to Lloyd's Register of Shipping

012089-012095-0167

If certificate is required state where to be sent

32 Essential Independent Pumps (Identify by position) Ballast and feed good
33 Bilge, Ballast & ~~Oil~~ Fuel Suction Lines, Fittings & Controls Good
34 Have the remaining Piping Arrangements & Fittings in the machinery space been examined as considered necessary? Yes
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 Good 45 Windlass Good 46 Fire Extinguishing Arrangements Good

AUXILIARY ENGINES (Identify by position) Both good

ELECTRICAL EQUIPMENT			
PROPULSION	PORT	STARBOARD	AUXILIARY EQUIPMENT
a Generators			/ Generators & Governors Good
b Exciters			m Motors
c Air Coolers			n Switchboards & Fittings Good
d Motors			o Circuit Breakers Good
e Air Coolers			p Cables Good
f Control Gear, Cables, etc.			q Insulation Resistance Good
g Insulation Resistance			r Steering Gear Generators and Motors
h Insulating Oil Test			s Navigation Light Indicators Good
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 Both 6.2.61 Good AUXILIARY, DONKEY or PRESS
~~Superheaters~~
Safety Valves Good
Mountings, Doors & Fastenings Good
Safety Valves Adjusted to { Sat. 180 lbs/sq.in
 { Spt.
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?~~ ~~Feed 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 Steel Good 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)
Wear and Tear: Main engine - Remetalled L.P. and M.P. crankpin bearing
Renewed L.P. crosshead bearing
Steering engine - Rings renewed
M.E. driven pumps generally overhauled and minor repairs effected.
Port boiler - 36 plain tubes renewed
Stbd. boiler - 36 plain tubes renewed

ES due 1/61
TSC due 12/62
SPS due 1/63
MBS due 12/60
non buld.
Boiler, repairs
ES examined 6/1/61
ES completed 24/5/61

It is submitted that this vessel is eligible for THE RECORD
ES 2/61
MBS 2/61
TSC 2/61
SPS 2/61
LEAVE THIS SPACE BLANK

Survey fees E.S. 8,880 Ptas.
T.S. 1,200 "
MBS. 3,840 "
Damage fee ... 400 "
Expenses...
Date when A/c rendered... 29.4.61