

Rpt. 9

Date of writing report 23-7-58

Survey held at Hamburg

WRECK
SECTION

AUG 1958

Received London

Port HAMBURG

No. 6708

No. of visits 1

First date 2nd

Last date 21-7-58

REPORT OF PERIODICAL SURVEYS & REPAIRS OF MACHINERY

No. in R.E. 71997 Name T.M. "MORCHELLA"

Gross tons 12231 Date of build 8/1932

Owners Cia. de Nav. Monte Estoril S.A. Managers -

Port of Registry Panama

Engines made 8/1932 By Bremer Vulkan

Type 2 Oil Engines 2 DA each 4 Cy.

No. of Main Engines 1 No. of Screws 2

Records of Survey & Special Notations as per Register Book

No. of Main Boilers - W.P. -

No. of ~~AK~~/Donkey Boilers 4 W.P. 2 db 200 lb, 2 db 100 lbs.

Surveyed Afloat or in Dry Dock afloat

Nature of Survey DBS

Was Damage Report issued? Int. Cert.?

Last Report (For Head Office only) 71 PAL

100 A 1

SS Spz (Dr) 6/56

Dkg 6/57

carrying petroleum in bulk

LMC CS 6/56

BS d 6/57

CL p 7/54 N

s 6/56

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. 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 Wear Down of Stern Bushes Oil Glands Sea Connections

Fastenings Has Screwshaft/Tubeshaft been drawn? 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, 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 & MANŒUVRING VALVES

30 MAIN ENGINE DRIVEN PUMPS

31 CRANKCASE DOORS & EXPLOSION RELIEF DEVICES

Have Main Engines been tested working and manœuvring?

OPINION OF MACHINERY AND RECOMMENDATIONS

THE MACHINERY OF THIS SHIP WHERE NOW SEEN, IS IN EFFICIENT CONDITION AND ELEGIBLE IN MY OPINION TO REMAIN AS NOW CLASSED WITH FRESH RECORD OF DBS 5.58 as previously recommended.

THURSDAY 21 AUG 1958

Date of Committee

Decision

DBS 5.58 without spl. rch.

20m.6.55. T. (MADE AND PRINTED IN ENGLAND.)

W. H. Ham

Engineer Surveyor to Lloyd's Register of Shipping

Lloyd's Register
Foundation

004076-004083-0164

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)

Table with 4 columns: PROPULSION, PORT, STARBOARD, ELECTRICAL EQUIPMENT, AUXILIARY EQUIPMENT. Rows include Generators, Exciters, Air Coolers, Motors, Control Gear, Cables, etc., Insulation Resistance, Insulating Oil Test, Overspeed Governors, Magnetic Couplings, Air Gap, and various auxiliary equipment like Generators & Governors, Motors, Switchboards & Fittings, etc.

BOILERS OPENED UP & EXAMINED (Identify by position and state latest date of internal examination of each boiler)
MAIN
Superheaters
Safety Valves
Mountings, Doors & Fastenings
Safety Valves Adjusted to
Boiler Securing Arrangements
Main Economisers
Steam Heated Steam Generators
Were Oil Burning System & Remote Controls examined working in accordance with Rules?
Have Saturated Steam Pipes in cylindrical boiler smoke boxes been examined as required by Rules?

EXAMINATION & TESTING OF STEAM PIPES (State material)
Main
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)

DBS due 5/58 partly held 5/58 now completed.

It is submitted that this vessel is eligible for THE RECORD. DBS 5/58 without special condition.

18/8/58

It is concluded that the safety valves were placed in a factory condition - one adjustment confirmed.

LEAVE THIS SPACE BLANK

Survey fees £ 5 - 0 - 0
Damage fee
Expenses... £ 0 - 13 - 6

Date when A/c rendered