

Rpt. 9

Date of writing report 11th July, 1957

Received London

22 JUL 1957

Port Bilbao

Survey held at Bilbao

No. of visits 6

First date 29/5/57

Last date 3/7/57

No. 12176

REPORT OF PERIODICAL SURVEYS & REPAIRS OF MACHINERY

No. in R.B. 70684 S.S. Name "MONTE SOLLUBE"

Owners Naviera Aznar Soc. Anon.

Managers

Gross tons 5914

Date of build 1927

4

Engines made 1921

By Richardsons, Westgarth

Port of Registry Bilbao

No. of Main Engines 1

No. of Screws

Type

Stram Reciprocating

No. of Main Boilers 3 SB

W.P. 1801b

No. of Aux. Boilers

W.P.

Surveyed Afloat or in Dry Dock Both

Nature of Survey DMGE. DKG. TS. BS. & PT.E.S

Was Damage Report issued? Int. Cert.? Yes

Last Report (For Head Office only)

Records of Survey & Special Notations as per Register Book

Hull

± 100 A1

SS 8,52

Shelter dk with Fbd.

8,56

Machinery

-1- L M C 8,52

B S 4,56

C L 8,56

Yes
Now

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 Close Fit

Oil Glands

Sea Connections Good

Fastenings Good

Has Screwshaft/Tubeshaft been drawn? Yes

Date of Examination 18/6/57

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 I.C.)

PORT

1 Cyls., Covers, Pistons & Rods L. P. & M. P. Good

2 Valves & Gears L. P. & M. P. Good

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 Cyls. & 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 & Shafts

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? No

OPINION OF MACHINERY AND RECOMMENDATIONS

The machinery of this vessel, so far as now seen, is eligible in our opinion to remain as classed with record of M. B. S. 7,57, T. S. (CL) 6,57 now & ES (with date) when the engine survey is completed.

FRIDAY 13 SEP 1957

Date of Committee

Decision

See Rpt. 8



32 Essential Independent Pumps (Identify by position) Ballast & o tboard feed - good

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		AUXILIARY EQUIPMENT
a Generators			i Generators & Governors
b Motors			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 Port & Starboard 10/6/57. Centre 29/5/57 AUXILIARY, DONKEY or PRESS
Good

Superheaters.....

Safety Valves..... Good

Mountings, Doors & Fastenings..... Good

Safety Valves Adjusted to { Sat. 180 lb
Spt.

Boiler Securing Arrangements..... Good

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? Yes 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 2 in. bore).....

Were Copper Pipes annealed? no 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)

To complete the Engine Survey, all outstanding Rule requirements remain to be examined. The Superintendent stated that the survey would be completed on the vessel's return to Bilbao in approximately 3 months time.

Damage stated sustained on account of contact with buoy in River Nervion, Bilbao on the 1st. June 1957

Damage Repairs. One blade of propeller found broken, propeller replaced by spare. Tail shaft removed & checked for truth, stern bush rewooded. Fractured supporting bracket for turning gear welded & gear overhauled. M. P. and L. P. piston rods removed ashore, checked for truth & machined, neck bushes renewed.

Repairs (wear & tear). Minor repairs effected to boiler mountings.

Additions. A new emergency generator set has been fitted in steering deck house on upper deck aft. Dynamo supplying current for lighting purposes and fire pump motor & driven by hand start diesel engine.

Fire pump fitted in after end of tunnel and driven by 10 HP. -

(cont'd)

Survey fees T.S. 882
B.S. 3309

Damage fee 1000 17

Expenses... 15
150

Date when A/c rendered 15.7.57

Lloyd's Register Foundation

"MONTE SOLLUBE"

electric motor. 4" sea suction valve fitted on shell in tunnel, locked in open position and pump discharge permanently connected to fire main. This new installation has been examined and tested under working conditions and found satisfactory.

12w.