

WRECK SECTION

Sept. 9

Date of writing report 21.10.58.

Survey held at Garston.

No. Received London 5 NOV 1958

No. of visits 3.

Port Liverpool.

First date 4.9.58.

Last date 18.10.58.

No. 150359

REPORT OF PERIODICAL SURVEYS & REPAIRS OF MACHINERY

No. in R.B. 82716 S.S. Name "TORTUGUERO" Gross tons 5297 Date of build 1921 12

Owners Elders & Fyffes Ltd. Managers - - Port of Registry Glasgow.

Engines made 1921 By A. Stephen & Sons Ltd. Type T 30y.

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

No. of Main Boilers 4 SB W.P. 205 lb.

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

Surveyed Afloat or in Dry Dock Afloat.

Nature of Survey M.B.S.

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

Last Report (For Head Office only)

149846 Lw.

Hull		Machinery	
BS*	7,58.	MBS*	5,55.
S.S. Npt.	5,55.	BS.M.	7,57.
		TS.CL.	7,58.
		S.P.S.	3,58.
		OF. 12,51	

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) PORT X STARBOARD X

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 & MANOEUVRING 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 vessel, so far as now seen is

eligible in my opinion to remain as classed with fresh record of M.B.S. 7,58 on completion,

subject to the stem tube being specially examined at the next tailshaft survey due 7,61.

Date of Committee

Decision Deferred for comp MBS

50m,6,56. T. (MADE AND PRINTED IN ENGLAND.)

Noted for Head

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Engineer Surveyor to Lloyd's Register of Shipping

004466-004476-0223

If certificate is required state where to be sent.

If so, is the Report sent now, or when will it be sent?

Survey
Ship
me in
I that
Survey

is Certificate
While the
berly executed
circumstances
Surveyors or
life or health
Society.

4,0001 (1.B.)

200
143
257

- 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)

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PROPULSION	ELECTRICAL EQUIPMENT		AUXILIARY EQUIPMENT
	PORT	STARBOARD	
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 Starboard Aft - 4.9.58 - Good. AUXILIARY, DONKEY or PRESS

Superheaters -

Safety Valves Good.

Mountings, Doors & Fastenings Good.

Safety Valves Adjusted to { Sat.) Not adjusted.

{ Spt.)

Boiler Securing Arrangements Good.

~~MAIN ECONOMISERS~~ ~~Exhaust Gas Heated Bottoms~~

~~Steam Heated Steam Generators~~ ~~Steam Generator Safety Valves Adjusted to~~

Were Oil Burning System & Remote Controls examined working in accordance with Rules? No. Forged Circulating Pumps

Have Saturated Steam Pipes in cylindrical boiler smoke boxes been examined as required by Rules? X 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)

Repairs W. & T.

Starboard Aft Boiler.

4 stay tubes & 2 plain tubes found defective & now renewed with ships spares. Inboard low manhole door found to have excessive clearance now built up by electric welding.

Port forward boiler.

(High wing furnace) Dry fracture - 2" long - on 3rd corrugation from front now cut out & welded. Subsequent examination under steam proved satisfactory.

For commencement of M.B.S. - refer Liverpool report 149846.

To complete M.B.S:- Both port main boilers, the safety valves of all boilers and the oil burning & remote controls remain to be dealt with.

Owners representative states that Boiler survey will be advanced on vessels return to this port on completion of the present voyage.

S.R.L. - Stern tube to be specially examined at next T.S. (due 7,61). Nothing done at this time.

Note: M.B.S. advanced. As new M.B.S. advanced. 7.11.58. To complete M.B.S. Def. Starboard boiler & remote controls remain to be dealt with. To commence M.B.S. refer Liverpool report 149846.

Survey fees M.B.S. £8-00

Repairs. £7-00

Damage fee ... 0

Expenses... ..

Date when A/c rendered