

Rpt. 9

Date of writing report 29th Apr. 1959.

Received London

Port CARDIFF

No. 60834

Survey held at CARDIFF

No. of visits 11

First date 4th Apr.

Last date 28th Apr. 1959.

REPORT OF PERIODICAL SURVEYS & REPAIRS OF MACHINERY

No. in R.B. 61069 Name T.E.T. "FORT STEVENS" Gross tons 10639 Date of build 1944
Owners BP Tanker Co., Ltd. Managers - Port of Registry London
Engines made 1944 By General Electric Co., Lynn Type Steam turbine connected to elec. motor & sc. shaft.

Records of Survey & Special Notations as per Register Book

Table with 2 columns: Hull and Machinery. Hull entries include 100 A1, Carrying petroleum in bulk, 2-58, S.S. Shl (Dr) 2-58, Classed 9-48, EW. Machinery entries include LMC, CS 1-57, M 2-58, CL 2-58, SPS 1-57, OF Mchy. aft.

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".

DOCKING Propeller Good Wear Down of Stern Bushes 5/32" Oil Glands None Sea Connections Good - as over
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? No

MAIN ENGINES (Recip Steam) 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

SCAVENGE BLOWERS

SUPERCHARGERS

MAIN TURBINES

- 16 Casings, Rotors, Blading, Bearings & Thrusts

EXHAUST STEAM TURBINES (WITH RECIP. ENGINES)

STEAM COMPRESSORS

CLUTCHES & HYDRAULIC COUPLINGS

REDUCTION GEARING

THRUST BLOCKS, SHAFTS & BEARINGS

INTERMEDIATE SHAFTS & BEARINGS

HOLDING DOWN BOLTS & CHOCKS

CONDENSERS (MAIN & AUX.)

STEAM RE-HEATERS

DE-SUPERHEATERS

STOP & MANOEUVRING VALVES

MAIN ENGINE DRIVEN PUMPS

CRANKCASE DOORS & EXPLOSION RELIEF DEVICES

OPINION OF MACHINERY AND RECOMMENDATIONS The machinery of this vessel, so far as now seen, is in good order and eligible in my opinion to remain as classed with fresh record of MBS 4-59 now and CS with date when the survey has been completed.

Date of Committee THURSDAY 14 MAY 1959 Decision MBS 4 59

Noted for Header



002674-002681-071

If certificate is required state where to be sent

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) HP Feed - Good (tested).

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 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 13.4.59. Good. **AUXILIARY, DONKEY or PRESS**

Superheaters Good

Safety Valves Good

Mountings, Doors & Fastenings Good

Safety Valves Adjusted to { Sat. 500 lbs/sq.in.

{ Spt. 465 lbs/sq.in.

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? 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 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)

Boiler Repairs:-

Port Boiler:- 20 side water wall tubes found badly distorted, so they were cut out and new tubes fitted.

Starboard Boiler:- 14 generating tubes cut out for access to allow for the fitting of new soot blower hangers; on completion new tubes were fitted. 2 side water wall tubes (inboard) were found badly distorted, so they were cut out and new tubes fitted. 161 air heater tubes were cut out owing to wastage having taken place and new tubes fitted.

On completion of the boiler repairs, both boilers were subjected to a hydraulic test and found tight.

The following sea valves were opened up and examined:-

Auxiliary Condenser Inlet. Main Inlet & Discharge.

Bilge Injection. Sanitary Pump & Refrig. Suctions.

Aft Pump Room Port & Starboard Sea Suctions.

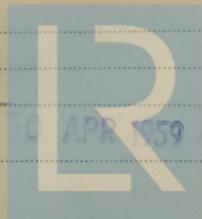


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Survey fees MBS £28. 0. 0. ✓
Part CS. £ 8. 0. 0.

Damage fee ...
Expenses ...

Date when A/c rendered



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*ES. advanced.
MBS. due 2/59, not held.
Docking & Repairs.
Some repairs to boilers.*

It is submitted that this vessel is eligible for THE RECORD. MBS 4/59.

12/5/59