

Rpt. 9

Date of writing report 10 Dec 1957
Survey held at Nantes

Received London 6 - JAN 1958 Port Nantes
No. of visits 11 First date 4th Nov 1957 Last date 3rd Dec 1957

No. 12913

REPORT OF PERIODICAL SURVEYS & REPAIRS OF MACHINERY

No. in R.B. 09608 Name S.S. "ESSE-BRETAGNE" ex. Montezuma Castle 48 Gross tons 6824 Date of build 1944
Owners Esso Standard Soc. Anon. Nantes Managers [Signature] Port of Registry HAVER
Engines made 1944 By General Electric Co. Japan Type It. tank connect. to elect. mot. & per. shaft.
No. of Main Engines 1 No. of Screws 1
No. of Main Boilers 2 W.P. Scott
No. of Aux./Donkey Boilers 1 W.P. Scott

Surveyed Afloat or in Dry Dock both
Nature of Survey COMPL CS (Steam) W.P. & REP. IS and STEAM PIPES
Was Damage Report issued? Int. Cert. yes
Last Report (For Head Office only)

Hull	Machinery
<u>1001</u>	<u>LMC 2/53</u>
<u>Carrying Petroleum in Bulk</u>	<u>CS (Steam)</u>
<u>SS Mole 2/53</u>	<u>MBS 11/56</u>
<u>SS 11/56</u>	<u>TSCL 11/56</u>

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.

Has a Survey also been held on Ship? Yes
If so, is the Report sent now, or when will it be sent? Yes

DOCKING Propellers good Wear Down of Stern Bushes not re-wooded Oil Glands ✓ Sea Connections good
Fastenings good Has Screwshaft Tubeshaft been drawn? yes Date of Examination 21-11-57 Has Shaft been changed? yes
Has Shaft now fitted been previously used? yes Has Shaft now examined/fitted a continuous liner? yes 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 good
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 & AUX.) good
27 STEAM RE-HEATERS ✓
28 DE-SUPERHEATERS good
29 STOP & MANOEUVRING VALVES good
30 MAIN ENGINE DRIVEN PUMPS ✓

31 CRANKCASE DOORS & EXPLOSION RELIEF DEVICES ✓ Have Main Engines been tested working and manoeuvring? yes

OPINION OF MACHINERY AND RECOMMENDATIONS
The machinery of this ship so far as has been is in good condition and eligible in my opinion to remain as classed in the Register Book and to have records of CS 12/57, BS 12/57, St. 12/57 and TS (Ch) 12/57.

Date of Committee TUESDAY 28 JAN 1958
Decision CS 12,57 MBS 12,57
SPS 12,57 TS 12,57

32 Essential Independent Pumps (Identify by position) *Ballast pumps, Oil fuel transfer pumps and bilge pumps. O prod & aft steam ejectors, O prod & aft Bilge P.*

33 Bilge, Ballast & Oil Fuel Suction Lines, Fittings & Controls *Oil fuel vent aft pump & heater*

34 Have the remaining Piping Arrangements & Fittings in the machinery space been examined as considered necessary? *Yes*

35 Fresh Water Coolers *both distillers* 36 Lub. Oil Coolers *p.s.* 37 Heaters (state service) *feed water*

38 Independent Air Compressors, Coolers & Safety Devices *both*

39 Air Receivers & Safety devices - *Main* O Auxiliary for A.F. Burning St. 40 Auxiliary *good*

41 Oil Fuel Tanks (Not forming part of hull structure) *good*

42 Evaporators *prod & aft* 43 Have Evaporator Safety Valves been tested under steam? *no*

44 Steering Machinery *good* 45 Windlass *good* 46 Fire Extinguishing Arrangements *good* O prod & aft fire pps.

AUXILIARY ENGINES (Identify by position) *Emergency set on Bow p. Deck (see below)*

PROPULSION		ELECTRICAL EQUIPMENT	
	PORT	STARBOARD	AUXILIARY EQUIPMENT
a	Generators	<i>good</i>	Generators & Governors <i>Sub. & outboard A.S. (both) also emergency set 75kw mid-alt. V.C. set</i>
b	Exciters	<i>good</i>	Motors <i>all: good</i>
c	Air Coolers	<i>good</i>	Switchboards & Fittings <i>good</i>
d	Motors	<i>good</i>	Circuit Breakers <i>good</i>
e	Air Coolers	<i>good</i>	Cables <i>good</i>
f	Control Gear, Cables, etc.	<i>good</i>	Insulation Resistance <i>good</i>
g	Insulation Resistance	<i>good</i>	Steering Gear Generators and Motors <i>good</i>
h	Insulating Oil Test	<i>good</i>	Navigation Light Indicators <i>good</i>
i	Overspeed Governors	<i>good</i>	
j	Magnetic Couplings	<i>good</i>	
k	Air Gap	<i>good</i>	

BOILERS OPENED UP & EXAMINED (Identify by position and state latest date of internal examination of each boiler)

MAIN *Port & Starboard: good, Exd: 16-11-57 p.s. AUXILIARY, DONKEY or PRESS. ✓*

Superheaters *De. Superheaters: good*

Safety Valves *p.s.: good Exd: 16-11-57 & 26-11-57*

Mountings, Doors & Fastenings *good*

Safety Valves Adjusted to Sat. *500 lb* Spt. *160 lb* } *2-12-57 p.s.*

Boiler Securing Arrangements *good*

Main Economisers *good* 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 *Steel exd: 20-11-57 & hydr. tested* Auxiliary (over 3 in. bore) *Steel Exd 18-11-57 & hydr. tested.*

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)

NOT DONE: (1) for completion of CS (Steam) Cycle:

NOTE: In addition to the items remaining to be examined for the completion of the machinery/continuous survey cycle as mentioned in Classmate (H) letter dated 18-11-57 and which have all been seen at this time as reported here above a number of items have been opened up, overhauled and examined at the owner's request. The identification number or letter of these items are marked thus: *⊙* above.

(2) for Main boiler survey: Port and Starb. boilers examined internally and externally as stated above and their superheaters safety valves renewed by valves supplied by the builders: Consolidated Safety valves, Manning Maxwell & Moore Ltd. Stratford, Conn. Type 1415 FC/20 size 1 1/2, checked and hydraulically re-tested to 70 lb burst, 26-11-57.

(3) for TS: Spare TS now fitted, has been mechanically fitted to old shaft marked LR MFL 1105 S-2-55 + R

LEAVE THIS SPACE BLANK

Survey fees *£s. 255750*

Damage fee *✓*

Expenses... *£s. 7800*

Special Attend. *£s. 5000*

Rs. 268550

Date when Alc rendered *16.12.57*