

Rpt. 9

Date of writing report 10 Dec 1957  
Survey held at Marseilles

Received London 6 - JAN 1958

Port Marseilles

No. 12913

No. of visits 10

First date 4 Dec 1957

Last date 3rd Dec 1957

# REPORT OF PERIODICAL SURVEYS & REPAIRS OF MACHINERY

No. in R.B. 09608 S.S. "ESSO-BRETAGNE" ex. Montyuma Castle 48 Gross tons 16824 Date of build 1944  
Owners ESO Standard Soc. Anon. Boucaire Managers  
Engines made 1944 By General Electric Co. Type 4-cyl. connect. to elect. mot. 1 per shaft.  
No. of Main Engines 1 No. of Screws 1  
No. of Main Boilers 2 W.T. W.P. 2/57 4/57 4/57  
No. of Aux./Donkey Boilers 1 W.P.  
Surveyed Afloat or in Dry Dock both  
Nature of Survey COMPL CS (Steam) W.P. REP.  
Was Damage Report issued? Int. Cert. yes  
Last Report (For Head Office only)

Records of Survey & Special Notations as per Register Book

Hull	Machinery
100M Carrying Petroleum in Bulk SS Mse 2/57 BS 11/56	LMC 2/53 CS (Steam) MBS 11/56 TSC 11/56

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 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? yes

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 & MANOEUVRING VALVES

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 entered 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

Decision

TUESDAY 28 JAN 1958

CS 12/57 MBS 12/57

50m, 5, 56. T. (MADE AND PRINTED IN ENGLAND.)

SPS 12/57 TS 12/57

Noted for Header

Engineer Surveyor to Lloyd's Register of Shipping

010289-010293-0228



32 Essential Independent Pumps (Identify by position) *0 fwd & aft lub. oil pumps, 0 p.s.s. extraction ffs; 0 fwd & aft steam ejectors, Ballast pumps, Oil fuel transfer pumps and bilge pumps. 0 fwd & aft Bilge P.*  
*0 Main turbo feed pumps, 0 Aux. feed pump, 0 General service ffs, 0 Main cond. circ. pump and E.R. pumping arrangements, 0 fuel vent aft pump & heater*  
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? *Yes*

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

38 Independent Air Compressors, Coolers & Safety Devices *both*  
39 Air Receivers & Safety devices—Main *0 Auxiliary for A.F. Burning St.* 40 Auxiliary

41 Oil Fuel Tanks (Not forming part of hull structure) *good*  
42 Evaporators *fwd & aft* 43 Have Evaporator Safety Valves been tested under steam? *no*

44 Steering Machinery *good* 45 Windlass *good* 46 Fire Extinguishing Arrangements *good 0 fwd & aft fire ffs.*

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

ELECTRICAL EQUIPMENT		AUXILIARY EQUIPMENT	
PROPULSION	PORT	STARBOARD	
a Generators	<i>75 Kw and 55 Kw</i>	<i>good</i>	1 Generators & Governors <i>Sub. &amp; outboard S.S. (both)</i>
b Exciters		<i>good</i>	<i>also Emergency set 75Kw mid-alt. C.S. &amp; Sat</i>
c Air Coolers		<i>good</i>	m Motors <i>all: good</i>
d Motors		<i>good</i>	n Switchboards & Fittings <i>good</i>
e Air Coolers		<i>good</i>	o Circuit Breakers <i>good</i>
f Control Gear, Cables, etc.		<i>good</i>	p Cables <i>good</i>
g Insulation Resistance		<i>good</i>	q Insulation Resistance <i>good</i>
h Insulating Oil Test		<i>good</i>	r Steering Gear Generators and Motors <i>good</i>
i Overspeed Governors		<i>good</i>	s Navigation Light Indicators <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.s.* AUXILIARY, DONKEY or PRESS. *✓*

Superheaters *De. Superheaters: good*  
Safety Valves *p.s.s.: good Exd 16-11-57 & 26-11-57*  
Mountings, Doors & Fastenings *good*

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

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 *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 C.S. (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: J alone.*  
*(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. Chafford, Essex. Type 1415 F.C. 20 size 1 1/2, Chkd Nov. 14-12-57. Hydraulically re-tested to 70 lb thrust, 26-11-57.*  
*(3) for TS: Spare TS now fitted! New line machinery fitted to old shaft marked LR MFL 1105 S-2-55 + R*

LEAVE THIS SPACE BLANK

Survey fees *£s. 255/50*  
Damage fee *✓*  
Expenses... *£s. 78.00*  
Special Attend. *£s. 5.00*  
*268.550*  
Date when A/c rendered *14.12.57*