

Rpt. 9

Date of writing report 10th October 1958

Survey held at Marseilles

Received London

No. of visits 6

Port Marseilles

First date 23rd SeptLast date 7th Oct 1958

No. 12459

REPORT OF PERIODICAL SURVEYS & REPAIRS OF MACHINERY

No. in R.B. 59931 Name S.S. ESSO BRETAGNE

Gross tons 10824 Date of build 1944

Owners ESSO STD. SOC. AN. FOCF Managers

Port of Registry HAVRE

Engines made 1944 By General Electric Corp.

Type Steam Turbines connected to Electric motor & gear shaft

No. of Main Engines 1 No. of Screws 1

Records of Survey & Special Notations as per Register Book

No. of Main Boilers 2 W.P. 500 lbs

No. of Aux./Donkey Boilers 1 W.P. 1

Surveyed Afloat or in Dry Dock Afloat

Nature of Survey Docking MBS & Part CS

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

Last Report (For Head Office only)

Hull	Machinery
100 A1	L.M.C.
Carrying Petroleum in Bulk	CS 12/57
Classed 3/49	MBS 12/57
Mol (Dr) 12/57	CL 11/57
Mol 11/57	SPS 12/57

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 4.5 mm Oil Glands Sea Connections good
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?

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?

OPINION OF MACHINERY AND RECOMMENDATIONS

The Machinery of this ship, so far as now seen is in good condition and eligible in my opinion to remain as classed and to have the record of MBS 10-58 now and CS with date when the Survey has been completed

Date of Committee

TUESDAY 11 NOV 1958

Decision

MBS 10-58

40m, 3.58 T. (MADE AND PRINTED IN ENGLAND)

Noted
for
Header

Engineer Surveyor to Lloyd's Register of Shipping

Lloyd's Register
Foundation

010289-010243-0218

Essential Independent Pumps (Identify by position) *Main Circulating - Inboard Condensate - Off Turbo feed - Turb. Balge*
Off-oil burning - Off Sanitary pumps all opened up & placed in good condition
Bilge, Ballast & Oil Fuel Suction Lines, Fittings & Controls
Have the remaining Piping Arrangements & Fittings in the machinery space been examined as considered necessary?
Fresh Water Coolers
Independent Air Compressors, Coolers & Safety Devices
Air Receivers & Safety devices—Main
Oil Fuel Tanks (Not forming part of hull structure)
Evaporators
Steering Machinery
Lub. Oil Coolers
Heaters (state service) *feed HP good*
Auxiliary
Have Evaporator Safety Valves been tested under steam?
Windlass *Exd throughout good*
Fire Extinguishing Arrangements *good*

AUXILIARY ENGINES (Identify by position) *Inner Turbo Generator exd throughout & found good*
Outer Turb. Generator exd steam parts & Reducing gear - good

ELECTRICAL EQUIPMENT			
PROPULSION	PORT	STARBOARD	AUXILIARY EQUIPMENT
a Generators			l Generators & Governors <i>good</i>
b Exciters			m Motors <i>good</i>
c Air Coolers			n Switchboards & Fittings <i>good</i>
d Motors			o Circuit Breakers <i>good</i>
e Air Coolers			p Cables <i>good</i>
f Control Gear, Cables, etc.			q Insulation Resistance <i>good</i>
g Insulation Resistance			r Steering Gear Generators and Motors
h Insulating Oil Test <i>good - Centre Transformer placed in good condition</i>			s Navigation Light Indicators <i>good</i>
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 & Star exd internally 27th Sept 1958* AUXILIARY, DONKEY or PRESS.
Superheaters *good*
Safety Valves *good*
Mountings, Doors & Fastenings *good*
Safety Valves Adjusted to { Sat. *492 lbs*
Spt. *450 lbs*
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? 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)

Repairs due to Wear & Tear: Main Boilers Upper part of air tubes renewed both Boilers
Centre Transformer connections repaired & soldered
Windlass overhauled throughout

LEAVE THIS SPACE BLANK

Survey fees *£1168.55.0*
Damage fee
Expenses *£1.3.5*
£172.98.5
Date when A/c rendered *12.10.58*