

22 OCT 1958

Rpt. 9

Date of writing report 10<sup>th</sup> October 1958

Received London

Port Marseilles

No. 12459

Survey held at Marseilles

No. of visits 6

First date 23<sup>rd</sup> Sept

Last date 7<sup>th</sup> Oct 1958

# REPORT OF PERIODICAL SURVEYS & REPAIRS OF MACHINERY

No. in R.B. 59931 Name <sup>S.S.</sup> ~~SS~~ ESSO BRETAGNE Gross tons 10824 Date of build 1944  
 Owners ESSO STD. SOC AN.FOCE Managers Port of Registry HAVRE  
 Engines made 1944 By General Electric Corp. Type Steam Turbines connected to Electric motor & gear shaft

Records of Survey & Special Notations as per Register Book

No. of Main Engines 1 No. of Screws 1  
 No. of Main Boilers 2 W.P. 500 lbs  
 No. of Aux./Donkey Boilers 1 W.P. ✓  
 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 on Board	CS 12/57
Classed 3/49	MBS 12/57
Mol (Dr) 12/57	CL 11/57
M2 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
- Cyls., Covers, Pistons & Rods
  - Valves & Gears
  - Connecting Rods, Top Ends & Guides 
    - Side
    - Centre
  - Crankpins & Bearings 
    - Side
    - Centre
  - Journals & Bearings
- MAIN ENGINE DRIVEN AIR COMPRESSORS
- Cyls., Covers, Pistons & Rods
  - Connecting Rods & Top Ends
  - Crankpins & Bearings
  - Journals & Bearings
  - Coolers & Safety Devices
- MAIN ENGINE DRIVEN SCAVENGE PUMPS
- Cyls., Covers, Pistons & Rods
  - Connecting Rods & Top Ends
  - Crankpins & Bearings
  - Journals & Bearings
  - Levers
- SCAVENGE BLOWERS
- SUPERCHARGERS
- MAIN TURBINES
- 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
- 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

Noted for Header

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 Lloyd's Register Foundation  
 Engineer Surveyor to Lloyd's Register of Shipping  
 010 289 - 010 243 - 0218

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

If certificate is required state where to be sent

Essential Independent Pumps (Identify by position) *Main Circulating - Inboard Condensate - Off Turbo feed - Fwd Bilge  
Aft oil burning - Aft 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..... 36 Lub. Oil Coolers..... 37 Heaters (state service) *feed HP good*

Independent Air Compressors, Coolers & Safety Devices.....

Air Receivers & Safety devices—Main..... 40 Auxiliary.....

Oil Fuel Tanks (Not forming part of hull structure).....

Evaporators..... 43 Have Evaporator Safety Valves been tested under steam?.....

Steering Machinery..... 45 Windlass *Exd throughout good* 46 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 27<sup>th</sup> 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 Boiler Upper part of air tubes removed both Boilers  
Centre Transformer connections repaired & soldered  
Windlass overhauled throughout*

LEAVE THIS SPACE BLANK

Survey fees *£168.550*

Damage fee.....  
Expenses... *£1.375*  
*£172.925*

Date when A/c rendered *12.10.58*

