

Rpt. 9

Date of writing report 27.6.1962.
Survey held at GIBRALTAR.

Received London
No. of visits Two.

Port GIBRALTAR. No. 4587.
First date 4.6.1962. Last date 6.6.1962.

REPORT OF PERIODICAL SURVEYS & REPAIRS OF MACHINERY

No. in R.B. 10369 Name S.S. "ESSO NORWICH" Gross tons 23997 Date of build 5.1.1959.
Owners Esso Petroleum Co. Ltd. Managers Port of Registry LONDON.
Engines made Lille By Cie. de Fives-Lille Type 2 steam turbines DR geared to sc. shaft.
No. of Main Engines One No. of Screws One
No. of Main Boilers Two W.P. 967 lbs.
No. of Aux./Donkey Boilers - W.P. -
Surveyed Afloat or in Dry Dock Afloat.
Nature of Survey Defective Intermediate shaft bearing.
Was Damage Report issued? No Int. Cert? Yes
Last Report (For Head Office only) 4547 91B

Hull	Machinery
*100 A1 Oil tanker DS. 11.61.	*LMC ES.CS. 5.59. MBS. 11.61. TS.CL. 5.59. steam pipes 11.61N.

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	Wear Down of Stern Bushes	Oil Glands	Sea Connections
Fastenings	Has Screwshaft Tubeshaft been drawn?	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.)		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		No.5 only - (Good)	
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			
OPINION OF MACHINERY AND RECOMMENDATIONS		Have Main Engines been tested working and manoeuvring? Yes	

It is recommended that in the case of this vessel that her Machinery Classification Record be continued in the Book without a fresh record of survey.

Date of Committee
Decision

MONDAY - 9 JUL 1962

As now

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)
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)

Table with 4 columns: PROPULSION, PORT, STARBOARD, and AUXILIARY EQUIPMENT. Rows include Generators, Exciters, Air Coolers, Motors, Control Gear, Cables, etc., Insulation Resistance, Insulating Oil Test, Overspeed Governors, Magnetic Couplings, Air Gap, and various auxiliary equipment like Generators & Governors, Motors, Switchboards & Fittings, Circuit Breakers, Cables, etc.

BOILERS OPENED UP & EXAMINED (Identify by position and state latest date of internal examination of each boiler)
MAIN
AUXILIARY, DONKEY or PRESS
Superheaters
Safety Valves
Mountings, Doors & Fastenings
Safety Valves Adjusted to
Boiler Securing Arrangements
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?
Forced Circulating Pumps
Have Saturated Steam Pipes in cylindrical boiler smoke boxes been examined as required by Rules?
Funnel

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)
The vessel was on voyage from Fawley to Persian Gulf in ballast, and put into Gibraltar on the 4th June, 1962, on account of overheating and wiping of the Main engine No.5 Intermediate shaft bearing.

Table with 2 columns: FOUND and RECOMMENDATIONS & REPAIRS EFFECTED. Content includes findings on M.E. No.5 Intermediate Shaft bearing and recommended repairs like re-metaling, dressing, and honing.

Interim Certificate issued confirming continuation of Class

Survey fees
Damage fee
Expenses
Date when A/c rendered



Repairs
The 5 intermediate shaft bearings were found wiped and were repaired.
It is submitted that this vessel is eligible to remain in CLASS.
4/7/62