

25 NOV 1959

Rpt. 9

Date of writing report 11.11.59

Received London

Port Piraeus

No. 8221

Survey held at Skaramangas

No. of visits 1

First date and

Last date 3.11.59

# REPORT OF PERIODICAL SURVEYS & REPAIRS OF MACHINERY

No. in R.B. 09828 Name <sup>S.S.</sup> ~~NAVY~~ "EMPIRE FAUN" temporarily sailing as "SIRIUS" Gross tons 846 Date of build 1943-2  
 Owners Ministry of Transport & Civil Aviation Managers - Port of Registry Goole  
 Engines made Hul By Amos & Smith Ltd. Type T 3 Cy.

No. of Main Engines 1 No. of Screws 1  
 No. of Main Boilers 1 SB W.P. 200 lbs.

Records of Survey & Special Notations as per Register Book

No. of Aux./Donkey Boilers - W.P. -  
 Surveyed Afloat or in Dry Dock Afloat  
 Nature of Survey Gen. Exam. for post. of ES  
 Was Damage Report issued? No. Int. Cert.? Yes.  
 Last Report (For Head Office only)

Hull		Machinery	
+100A1		+LMC	
oil tanker		ES	8.55
SS	8.55	MBS	5.59
DS	4.59	TS CL	11.57
		SPS	8.55

**Yes** 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? If so, is the Report sent now, or when will it be sent?

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.) 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 vessel is eligible in my opinion to remain as now classed in the Register Book without fresh record of survey.

Date of Committee TUESDAY 15 DEC 1959  
 Decision Deferred for ES



If certificate is required state where to be sent

"SIRIUS"

- 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) .....

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PROPULSION		ELECTRICAL EQUIPMENT	
PORT	STARBOARD	AUXILIARY EQUIPMENT	
a Generators .....	.....	l Generators & Governors .....	Good.
b Exciters .....	.....	m Motors .....	Good.
c Air Coolers .....	.....	n Switchboards & Fittings .....	Good.
d Motors .....	.....	o Circuit Breakers .....	Good.
e Air Coolers .....	.....	p Cables .....	Good.
f Control Gear, Cables, etc. ....	.....	q Insulation Resistance .....	Good.
g Insulation Resistance .....	.....	r Steering Gear Generators and Motors .....	-
h Insulating Oil Test .....	.....	s Navigation Light Indicators .....	Good.
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** ..... **AUXILIARY, DONKEY or PRESS** .....

Superheaters .....

Safety Valves .....

Mountings, Doors & Fastenings .....

Safety Valves Adjusted to { Sat. ....

{ Spt. ....

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)

General Examination (See Sec. Cable dated 6.10.59)

The Machinery was generally examined without opening out of any parts. The Chief Engineer stated that all machinery had been working satisfactory. The Main Engine and auxiliary machinery were examined under working conditions and found satisfactory. Electrical equipment generally examined, megger tested and found satisfactory.

The foregoing found satisfactory for the period of grace requested for postponement of Engine Survey.

320

LEAVE THIS SPACE BLANK

Survey fees £ 35. 0. 0

Stamps ..... 9

Damage fee ... ..

Expenses... ..

Date when A/c rendered. 11.11.59

