

Rpt. 9

Date of writing report 1st Dec: 1958  
Survey held at King Harry Ferry

Received London

No. of visits 2

Port FALMOUTH

First date 28 Aug:

No. 13403

Last date 25 Nov: 1958

# REPORT OF PERIODICAL SURVEYS & REPAIRS OF MACHINERY

No. in R.B. 54820 Name M.V. "BRITISH HARMONY"  
Owners BP Tanker Co. Ltd. Managers -  
Engines made 1941 By Swan, Hunter & Wghn: Rchdsn: Type Oil Engine 2SA 6cy. B&W  
No. of Main Engines 1 No. of Screws 1  
No. of Main Boilers - W.P. -  
No. of Aux/Donkey Boilers 2 W.P. 150 lbs:  
Surveyed Afloat or in Dry Dock Afloat  
Nature of Survey DBS  
Was Damage Report issued? No Int. Cert.? Yes  
Last Report (For Head Office only)

Records of Survey & Special Notations as per Register Book

Hull	Machinery
*100 A1	*LMC-CS 8,57
8,57	d 8,57
ss. Bry (DR) 8,57	TS(CL) 7,57
	S.P.S. 8,57
Carrying Petroleum in Bulk	Oil Engine

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.) 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 vessel as now seen is in good condition, eligible in my opinion to remain as classed with fresh record of DBS 11,58 when the survey is completed.

Date of Committee

TUESDAY 16 DEC 1958

Decision

Deferred for ep DBS

Noted for Header

If certificate is required state where to be sent

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).....

ELECTRICAL EQUIPMENT

PROPULSION	PORT	STARBOARD	AUXILIARY EQUIPMENT
a Generators .....			l Generators & Governors.....
b Exciters.....			
c Air Coolers.....			m Motors.....
d Motors.....			
e Air Coolers.....			n Switchboards & Fittings.....
f Control Gear, Cables, etc.....			o Circuit Breakers.....
g Insulation Resistance.....			p Cables.....
h Insulating Oil Test.....			q Insulation Resistance.....
i Overspeed Governors.....			r Steering Gear Generators and Motors.....
j Magnetic Couplings.....			s Navigation Light Indicators.....
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~~ P&S - both good, examined internally 25th Nov. 1958

Superheaters..... good

Safety Valves..... good

Mountings, Doors & Fastenings.....

Safety Valves Adjusted to { Sat.....  
Spt.....

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?..... Forced Circulating Pumps.....

Have Saturated Steam Pipes in cylindrical boiler smoke boxes been examined as required by Rules?..... Funnel Efficient

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)

Minor repairs carried out to boiler mountings only.

To Complete DBS:- P&S Donkey boilers, safety valves to be adjusted under steam.  
Oil burning system and remote controls to examine.

LEAVE THIS SPACE BLANK

Survey fees DBS £12:0:0

Damage fee ...

Expenses... 9:6

Date when A/c rendered... 2nd Dec. 1958



Chief E  
NAME