

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 & Wigham: Rochdn:
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 Al	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

40m.4.57. T. (MADE AND PRINTED IN ENGLAND.)

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
Superheaters
Safety Valves
Mountings, Doors & Fastenings
Safety Valves Adjusted to Sat. Spt.
Boiler Securing Arrangements
Main Economisers
Steam Heated Steam Generators
Steam Generator Safety Valves Adjusted to
Were Oil Burning System & Remote Controls examined working in accordance with Rules?
Have Saturated Steam Pipes in cylindrical boiler smoke boxes been examined as required by Rules?
AUXILIARY, DONKEY & PRESS
P&S - both good, examined internally 25th Nov. 1958
good
good
good
Exhaust Gas Heated Economisers
Forced Circulating Pumps
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.

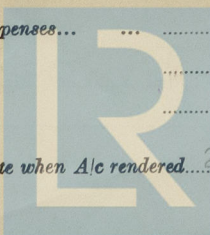
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Survey fees DBS £12:0:0

Damage fee ...

Expenses... 9:6

Date when A/c rendered 2nd Dec. 1958



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