

Rpt. 9

Date of writing report 5-5-60
Survey held at Durban

Received London
No. of visits 4

Port DURBAN No. 8798
First date 28-10-59 Last date 20-4-60

JUN 1960

REPORT OF PERIODICAL SURVEYS & REPAIRS OF MACHINERY

No. in R.B. 34402 Name ^{S.S.} "UNI 4"
Owners Union Whaling Co. Ltd. Managers -
Engines made 1936 By Bremer Vulkan Type T 3Cy
Gross tons 344 Date of build 1936-5
Port of Registry Durban

No. of Main Engines 1 No. of Screws 1
No. of Main Boilers 1 SB W.P. 200 1b
No. of Aux./Donkey Boilers - W.P. -
Surveyed Afloat or in Dry Dock Both
Nature of Survey M.B.S; S.P.S; Dkg.
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	
BS*		MBS*	4,59
	3,59	M.Blr.S.	M 4,59
SS	4,58	TS	CL 10,57
		SPS	11,54
whaling purposes			

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 0.045" 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? -

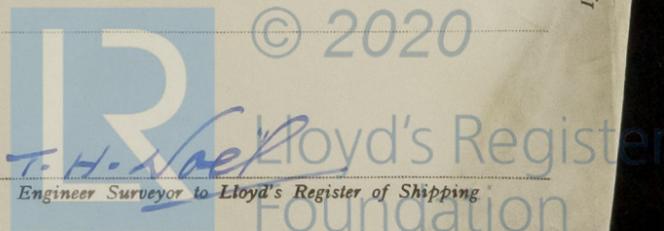
MAIN ENGINES (Recip. Steam or I.C.) PORT STARBOARD

- 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

OPINION OF MACHINERY AND RECOMMENDATIONS. The Machinery of this ship is in safe working order and eligible in my opinion to remain as classed with record of MBS 4,60 and SPS 4,60.

Date of Committee TUESDAY 28 JUN 1960

Decision MBS 4.60
SPS 4.60



003233-003239-0043

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.

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*)

PROPULSION		ELECTRICAL EQUIPMENT		AUXILIARY EQUIPMENT	
PORT	STARBOARD				
^a Generators			¹ Generators & Governors
^b Exciters			² Motors
^c Air Coolers			³ Switchboards & Fittings
^d Motors			⁴ Circuit Breakers
^e Air Coolers			⁵ Cables
^f Control Gear, Cables, etc.			⁶ Insulation Resistance
^g Insulation Resistance			⁷ Steering Gear Generators and Motors
^h Insulating Oil Test			⁸ Navigation Light Indicators
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 25-3-60 AUXILIARY, DONKEY or PRESS

Superheaters None

Safety Valves Good

Mountings, Doors & Fastenings Good

Safety Valves Adjusted to { Sat 200 lbs Good

{ 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? Yes Good Forced Circulating Pumps Good

Have Saturated Steam Pipes in cylindrical boiler smoke boxes been examined as required by Rules? None Funnel Good

EXAMINATION & TESTING OF STEAM PIPES (*State material*) Copper

Main All 400 lbs Good Auxiliary (over 3 in. bore) None

Were Copper Pipes annealed? Yes Have Saturated Pipes in cylindrical boiler smoke boxes been tested? None

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*)

LEAVE THIS SPACE BALNK

Survey fees .. £15. 10. 0.

Damage fee

Expenses .. £ 0. 17. 6.

Date when A/c rendered ..

