

Rpt. 9

REC'D NEW YORK MAY 1 1957

Date of writing report 17th April, 1957

Received London

Port PHILADELPHIA, PA.

No. 10665

Survey held at Chester, Pa.

No. of visits Four

First date 2nd Apr. 1957

Last date 13th Apr. 1957

# REPORT OF PERIODICAL SURVEYS & REPAIRS OF MACHINERY

No. in R.B. 53720 ~~SEX~~ Name M.V. "BIDWELL" Gross tons 6837 Date of build 1920  
Owners Sun Oil Co. Managers - Port of Registry Phila., Pa.

Engines made 1920 By Sun SB & DD Co., Chester, Pa. Type Doxford

No. of Main Engines 1 No. of Screws 1  
No. of Main Boilers - W.P. -

No. of ~~W.P.~~/Donkey Boilers 1 W.P. 200 lb.

Surveyed Afloat or in Dry Dock Both

Nature of Survey CS

Was Damage Report issued? - Int. Cert.? Yes

Last Report (For Head Office only)

Records of Survey & Special Notations as per Register Book

Hull		Machinery	
100A1	1/56	*LMC CS	4/54
SS Phl.	4/53	+NE	23
(Dr.)	5/45	d	1/57
		CL	1/55
Carrying Petroleum in bulk.			

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 Propeller  Good Wear Down of Stern Bushes 3/16" ~~ON 3/16"~~ 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 by class?~~

MAIN ENGINES ~~(IC)~~ PORT STARBOARD

- 1 Cyls., Covers, Pistons & Rods GOOD
- 2 Valves & Gears GOOD
- 3 Connecting Rods, Top Ends & Guides { Side GOOD, Centre GOOD
- 4 Crankpins & Bearings { Side GOOD, Centre GOOD
- 5 Journals & Bearings GOOD

~~MAIN ENGINE DRIVEN COMPRESSORS~~

~~1 COMPRESSOR~~

~~2 COMPRESSOR~~

~~3 COMPRESSOR~~

~~4 COMPRESSOR~~

MAIN ENGINE DRIVEN SCAVENGE PUMPS

- 11 Cyls., Covers, Pistons & Rods GOOD
- 12 Connecting Rods & Top Ends GOOD
- 13 Crankpins & Bearings GOOD
- 14 Journals & Bearings GOOD
- 15 Levers GOOD

~~SCAVENGE PUMPS~~

~~1 SCAVENGE PUMP~~

~~MAIN TURBINES~~

~~1 TURBINE~~

~~EXHAUST SYSTEM FITTINGS WITH RECP. ENGINES~~

~~1 RECP. COMPRESSOR~~

~~2 RECP. COMPRESSOR~~

~~REDUCTION GEARING~~

23 THRUST BLOCKS, SHAFTS & BEARINGS GOOD

24 INTERMEDIATE SHAFTS & BEARINGS GOOD

25 HOLDING DOWN BOLTS & CHOCKS GOOD

26 CONDENSERS (MAIN & AUX.) GOOD

~~STEAM REHEATERS~~

~~DE SUPERHEATERS~~

~~STOP & MANOEUVRING VALVES~~

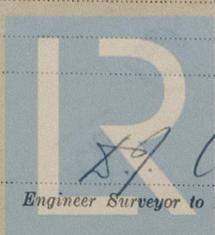
~~MAIN ENGINE DRIVEN PUMPS~~

31 CRANKCASE DOORS & EXPLOSION RELIEF DEVICES GOOD Have Main Engines been tested working and manœuvring? YES

OPINION OF MACHINERY AND RECOMMENDATIONS The machinery of this vessel is eligible, in my opinion, to remain as classed and to have record of CS 4/57.

Date of Committee NEW YORK MAY 8 1957 Decision E.S.4.57

CERTIFICATE WRITTEN

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If certificate is required state where to be sent.

