

No. 18713

Report of Survey for Repairs, &c., of Engines and Boilers.

(Received at London Office)

Date Report 12th August 1928 When handed in at Local Office

10 Port of Hamburg 16 AUG 1928

Survey held at Kiel

Date, First Survey 7th May Last Survey 31st July 1928
(No. of Visits) 18.

on the Machinery of the Wood, Iron or Steel Tug TOPEKA Oil Eng.

SS 4991

3030

545

Boilers

Boilers 1

Boilers 2

Boilers 3

Boilers 4

Boilers 5

Boilers 6

Boilers 7

Boilers 8

Boilers 9

Boilers 10

Boilers 11

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Boilers 174

Boilers 175

Boilers 176

Boilers 177

Boilers 178

S.S. No. 1 due 3. 29 - You held on nicely

Sister ship machinery repairs effected

It is submitted that
this vessel is eligible for
THE RECORD.
D.B.S. 7.28
without op. restriction

Bob D.P.S.

Main engines Crankshaft broken. Forward half of Port crankshaft (solid forged), which was found cracked in way of forward web of No. 2 crank replaced by a new semi-built one (approx 1/6/28). All main bearings remounted and shaft brought in true alignment. All crossheads scoured up and top and brass remounted. 3 forward bottoms out of Port engine and 36. No. 5 remounted. All liners, pistons and piston rods renewed. (The piston rods were found to have cracked in way of flanges.) Port engine 3 cylinder covers 36 engine 1 cylinder cover renewed. all valves dressed up. The P.P.C. compressor cylinders of both main engines renewed - all pistons, valves and inter coolers thoroughly overhauled.

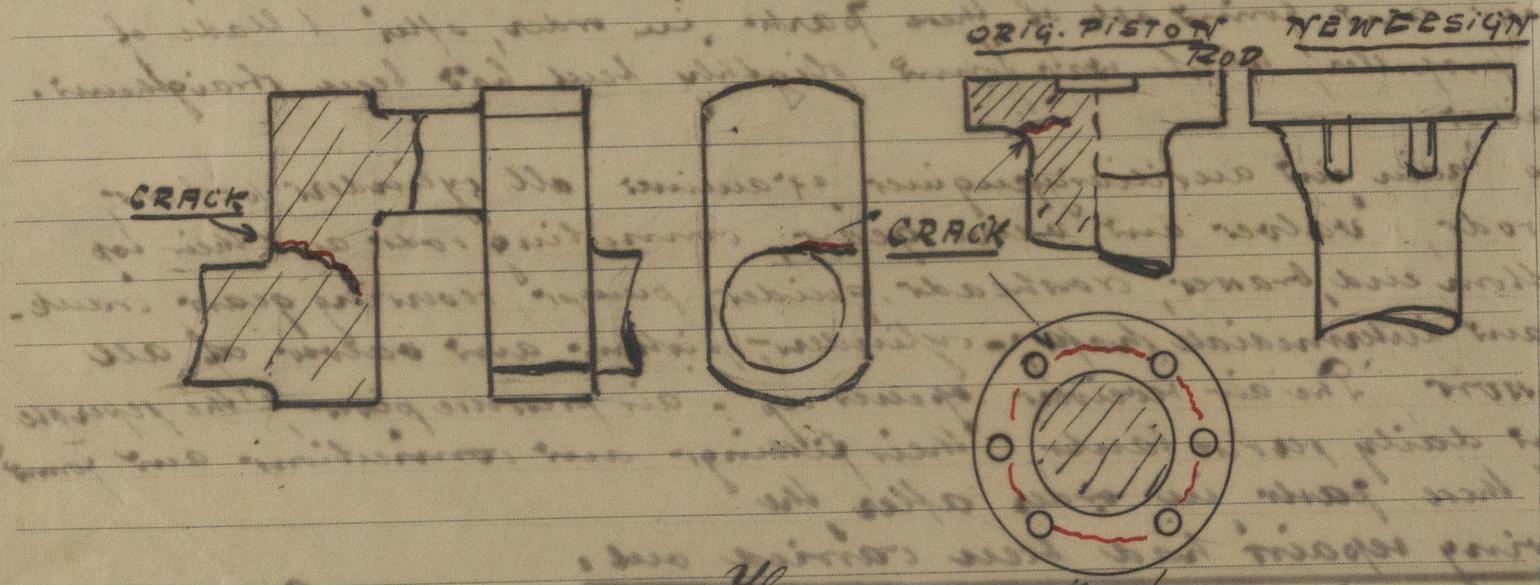
Aux. Diesel No. 1 + 2. all main bearings remounted - valves overhauled and inter coolers thoroughly overhauled.

Aux. Diesel No. 3 taken to stop. Bed plate crank bearing renewed all bearings remounted - counter weights renewed and properly secured. Cylinder liners replaced by new ones - valves and valve gear - lubricating arrangements thoroughly overhauled - valves of air compressor - also pistons dressed up.

All bilge - oil transfer - lubricating 1 and ballast pumps generally overhauled, also pumping arrangements.

Upon completion of repairs machinery examined under full working and manoeuvring conditions and found in order.

D.B.S. Examined the Donkey boiler internally and externally its mountings, manhole - heat holes and door and found in order. Under steam found fair Donkey Boiler tight and it's safety valves adjusted to 100 lbs per sq. inch.



Hamburg 12th August 1928

Friedrich Jilg



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Foundation