

IS A DONKEY BOILER FITTED? No ✓ If so, is a report now forwarded? ✓

Is the donkey boiler intended to be used for domestic purposes only? no ✓

PLANS. Are approved plans forwarded herewith for Shafting 16.10.36, 4.2.36, 12.4.36 Receivers Düsseldorf Office. Separate Tanks 16.5.36
(If not, state date of approval)

Donkey Boilers ✓ General Pumping Arrangements 13.2.36 Oil Fuel Burning Arrangements ✓

SPARE GEAR.

Has the spare gear required by the Rules been supplied yes ✓

State the principal additional spare gear supplied

1 set of thrust block pads. 1 renew shaft with coupling. 2 propellers. 1 impeller for ballast, fire and sanitary pumps. 8 sets of working parts of fuel oil injection pumps. 8 fuel oil pressure pipes. 1 set of piston cooling link gear joints. 1 cylinder liner.

The foregoing is a correct description,

**FRIED. KRUPP
GERMANIAWERKE**

Manufacturer.

1936
Dates of Survey while building
During progress of work in shops--
Jan: 10, 21, 24, 31 Feb: 4, 7, 18, 28 Mar: 3, 6, 11, 17, 20, 24, 25, 27 Apr: 14, 17, 21, 24, 28 May: 5, 8, 12, 15, 18, 22, 27, 29 June: 9, 12, 14, 19, 23, 30
During erection on board vessel--
Jan: (30), Jul: (17) Aug: 6, 11, 14 Aug: 18, 21, 22, 24, 25 Sep: 18, 19, 22, 29 Oct: 2, 6, 13, 20, 27 Nov: 3, 6, 10, 13, 20, 26, 27 Dec: 1
Total No. of visits 70

Dates of Examination of principal parts—Cylinders 15.5.36 Covers 17.4.36 Pistons 5.5.36 9.6.36 Rots ✓ Connecting rods 14.4.36

Crank shaft 24.3.36 15.5.36 Flywheel shaft 28.4.36 15.5.36 Thrust shaft 28.4.36 15.5.36 Intermediate shafts 25.9.36 Tube shaft 22.8.36

Screw shaft 22.8.36 Propellers 29.9.36 20.11.36 Stern tube 23.6.36 Engine seatings 17.7.36 Engines holding down bolts 8.9.36

Completion of fitting sea connections 17.7.36 Completion of pumping arrangements 13.10.36 Engines tried under working conditions 27.11.36

Crank shaft, Material O.H. Steel Identification Mark LLOYD'S 12002-3 M.B. 23.3.36 Flywheel shaft, Material O.H. Steel Identification Mark see thrust shaft

Thrust shaft, Material O.H. Steel Identification Mark LLOYD'S 10713-4 L. 17.4.36 Intermediate shafts, Material O.H. Steel Identification Marks LLOYD'S 12271-2-3 M.B. 10.7.36

Tube shaft, Material O.H. Steel Identification Mark LLOYD'S 12270 M.B. 16.7.36 Screw shaft, Material O.H. Steel Identification Mark LLOYD'S 12269 M.B. 10.7.36

Is the flash point of the oil to be used over 150° F. yes ✓

Have the requirements of the Rules for oil fuel pipes and tank fittings been complied with yes ✓

Is the vessel (not being an oil tanker) fitted for carrying oil as cargo no ✓ If so, have the requirements of the Rules been complied with ✓

If the notation for Ice Strengthening is desired, state whether the requirements in this respect have been complied with ✓

Is this machinery duplicate of a previous case no ✓ If so, state name of vessel ✓

General Remarks (State quality of workmanship, opinions as to class, &c.)
This oil engine machinery has been built under Special Survey in accordance with the Society's Rules, the approved plans and instructions thereto. The materials used in the construction are made at works recognized by the Committee and of good quality. The workmanship is satisfactory and the outfit is ample. During extensive trial trips the machinery has given full satisfaction under working and manoeuvring conditions. In my opinion it is eligible to be classed in the Society's Register Book with notation of +LMC-11.36 and IS (og)

Certificate (if required) to be sent to Hamburg Office.

The amount of Entry Fee <u>RMB</u> £	<u>100.-</u>	When applied for,	
Special	£ <u>18.41.-</u>	When received,	<u>21.12.36</u> 19
Donkey Boiler Fee	£ :		
Travelling Expenses (if any)	£ <u>4.03.-</u>		<u>22.1.37</u> 19

Committee's Minute FRI. JAN. 8 1937

Assigned + LMC 12.36
OG

J.A. Wright
Engineer Surveyor to Lloyd's Register of Shipping.
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