

IS A DONKEY BOILER FITTED? *no*

If so, is a report now forwarded? *✓*

SPARE GEAR. State the articles supplied:—1 propeller shaft, 2 propeller blades, 1 propeller bow, 4 crank shaft, 2 sets of coupling bolts, 2 main bearing bolts, 1 pair of connecting rod brasses with bolts & nuts, 2 pairs of crosshead brasses with bolts & nuts, 1 set of H.P. M.P. 1, M.P. 2 & L.P. slide valve rods, 1 set of link brasses, 4 H.P., 4 M.P. 1, 4 M.P. 2 & 1 L.P. piston springs, 36 cylinder cover bolts, 16 junk ring bolts, 18 valve chest cover bolts, 136 condenser tubes, 1 set of air, feed bilge & ballast pump valves. For circulating pump:—1 piston rod with crosshead brass, 1 pair of bottom end brasses, 1 piston, 1 slide valve rod complete. Boilers:—82 plain tubes, 39 stay tubes, 1 set of check valve, 1 set of safety valve springs. A quantity of assorted bolts & nuts, iron of various sizes. Further for main engine:—1 pair of connecting rod bottom end brasses with bolts & nuts, 2 eccentric straps complete, 1 guide shoe, 1 impeller for main circ. pump & 1 impeller for auxiliary circulating pump.

The foregoing is a correct description,

Manufacturer.

Dates of Survey while building { During progress of work in shops - - }
{ During erection on board vessel - - - }
Total No. of visits

Is the approved plan of main boiler forwarded herewith *yes*

" " " donkey " " "

Dates of Examination of principal parts—Cylinders 19-20/6/22 Slides 19-20/6/22 Covers 19-20/6/22 Pistons 19-20/6/22 Rods 20/6/22

Connecting rods 20/6/22 Crank shaft 14/6/22 Thrust shaft 14/6/22 Tunnel shafts 14/6/22 Screw shaft 22/3/23 Propeller 22/3/22

Stern tube 22/3/23 Steam pipes tested 26/8/22 Engine and boiler seatings 21/6/22 Engines holding down bolts 21/6/22

Completion of pumping arrangements *✓* Boilers fixed *✓* Engines tried under steam 26th March 1923

Completion of fitting sea connections *✓* Stern tube *✓* Screw shaft and propeller *✓*

Main boiler safety valves adjusted 21/2/23 Thickness of adjusting washers *list attached*

Material of Crank shaft *Ingot Steel* Identification Mark on Do. *GL* Material of Thrust shaft *Ingot Steel* Identification Mark on Do. *GL*

Material of Tunnel shafts *Ingot Steel* Identification Marks on Do. *GL* Material of Screw shafts *Ingot Steel* Identification Marks on Do. *GL*

Material of Steam Pipes *Steel solid drawn* Test pressure *46.5 kg.*

Is an installation fitted for burning oil fuel *no* Is the flash point of the oil to be used over 150°F.

Have the requirements of Section 49 of the Rules 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.)

These Engines and Boilers have been made in accordance with the approved plans the Secretary's letters and otherwise in general conformity with the Rules.

The materials used in the construction and the workmanship are good.

An accumulation of pressure test has been made on all boilers and proved satisfactory and in accordance with the requirements of the Rules.

The Engines have been tried under steam on a 12 hour trial trip and were found to work well.

It is submitted that this vessel is eligible for

THE RECORD. LMC 3. 23. FD. OG. 220

Q. 4 Cy 34. 48 ¹³/₁₆. 69 ³/₄ " & 102 " - 63 "

GD & ISB. 52 cf. GS 1015. HS 42000. 2788

53.23

The amount of Entry Fee (B.M. 1/2) ... £ 3.23 : :
Special ... £ 80.00 : :
Donkey Boiler Fee ... £ : :
Travelling Expenses (if any) £ : :
When applied for. From London 11/4/23
When received. 4/4/23

W.D. [Signature]
9/4/23. *G. H. C. Kamm.*
Engineer Surveyor to Lloyd's Register of Shipping.

Committee's Minute

TUE. 17 APR. 1923

Assigned

TUE. 17 APR. 1923

Lon 6.3.23
F.D. O.G.

MACHINERY CERT
WRITTEN



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Foundation