

IS A DONKEY BOILER FITTED? *No*

If so, is a report now forwarded?

SPARE GEAR. State the articles supplied:— *Two Connecting Rod Top and Bottom and bearings with bolts and nuts complete. 2 Main bearing bolts and nuts. 1 Propeller Shaft. 2 Propeller blades. 1 Eccentric. 1 Set of rings and springs for each piston. 1 Set of valves for head and Bilge pumps. 1 Spare spring of each size used. Assorted bolts and nuts Iron of various sizes.*

The foregoing is a correct description,

BETHLEHEM STEEL BUILDING CORP., LTD. HARLAN PLANT

CB Jernan

Manufacturer.

Dates of Survey while building: During progress of work in shops -- *May 23 June 11-14-23-29 July 12 Aug 5-27 Sept 27-30 Nov 5 Oct 7-14 Nov 11-15*
During erection on board vessel -- *Nov 23-29 Dec 1-13-14-15*
Total No. of visits *20*

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

Is the approved plan of donkey boiler forwarded herewith

Dates of Examination of principal parts—Cylinders *28-10-20*. Slides *27-9-20*. Covers *27-9-20*. Pistons *27-8-20*. Rods *27-8-20*. Connecting rods *27-9-20*. Crank shaft *24-8-20*. Thrust shaft *27-9-20*. Tunnel shafts *27-9-20*. Screw shaft *15-11-20*. Propeller *28-10-20*. Stern tube *5-11-20*. Steam pipes tested *15-11-20*. Engine and boiler seatings *28-10-20*. Engines holding down bolts *15-11-20*. Completion of pumping arrangements *1-12-20*. Boilers fixed *11-11-20*. Engines tried under steam *7-12-20*. Completion of fitting sea connections *28-10-20*. Stern tube *28-10-20*. Screw shaft and propeller *28-10-20*. Main boiler safety valves adjusted *7-12-20*. Thickness of adjusting washers *Check nuts*

Material of Crank shaft *S* Identification Mark on Do. *3473* Material of Thrust shaft *S* Identification Mark on Do. *3473*

Material of Tunnel shafts *S* Identification Marks on Do. *3473* Material of Screw shafts *S* Identification Marks on Do. *3473*

Material of Steam Pipes *Solid drawn steel* Test pressure *600 lbs*

Is an installation fitted for burning oil fuel *Yes* Is the flash point of the oil to be used over 150°F. *Yes*

Have the requirements of Section 49 of the Rules been complied with *Yes*

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.)

The machinery of this vessel has been built under special survey in accordance with the approved plans. The materials and workmanship are good. The machinery has been tried under full power with satisfactory results.

In my opinion this vessel is eligible for record + LMC 12-20, with notation Fitted for Oil Fuel, 12-20. Flash point above 150°F. in the Register Book.

It is submitted that this vessel is eligible for THE RECORD + LMC. 12.20 FD

FITTED FOR OIL FUEL 12-20 FP ABOVE 150°F

Reed 26/1/21 *APR*

MACHINERY CERT. WRITTEN 3/2/21 dated 18/1/21

The amount of Entry Fee ... £ \$15.00 : When applied for, 19...
Special ... £ \$27.50 :
Donkey Boiler Fee ... £ : : When received, 15/1/21
Travelling Expenses (if any) £ \$ 3.50. : 15/1/21

J. H. Avey
Engineer Surveyor to Lloyd's Register of Shipping.

Committee's Minute New York JAN - 4 1921

Assigned *+ LMC 12.20*



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Lloyd's Register Foundation

Rpt. 13.

Port of

No. in Reg. Book

Owners

Yard No.

DESCRIPT

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