

1997

IS A DONKEY BOILER FITTED? *No.*

If so, is a report now forwarded?

SPARE GEAR. State the articles supplied:— *Set of cross head & crank pin bolts. Set coupling bolts. Set feed pump valves & seats. Set bilge pump valves & seats. 2 main bearing bolts. Packing rings for each piston. 2 Slide valve spindles. Set ecc. rods. 2 Safety v. Springs. 100 Assorted bolts & nuts. Iron of various sizes.*

The foregoing is a correct description,

S. Nagata (President of the
Nagata Shipyard) Manufacturer.

Dates of Survey while building { During progress of work in shops -- 28th Aug. 21st 24th 25th 27th Nov. 1st 2nd 4th Dec. 1916
During erection on board vessel ---
Total No. of visits 8

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

" " " donkey " " " *No donkey blr*

Dates of Examination of principal parts—Cylinders 24th Nov. Slides 24th Nov. Covers 24th Nov. Pistons 24th Nov. Rods 24th Nov.
Connecting rods 24th Nov. Crank shaft 24th Nov. Thrust shaft 24th Nov. Tunnel shafts 24th Nov. Screw shaft 24th Nov. Propeller 24th Nov.
Stern tube 24th Nov. Steam pipes tested Engine and boiler seatings 21st Nov. Engines holding down bolts 21st Nov.
Completion of pumping arrangements 21st Nov. Boilers fixed 21st Nov. Engines tried under steam 4th Dec.
Completion of fitting sea connections 24th Nov. Stern tube 24th Nov. Screw shaft and propeller 25th Nov.
Main boiler safety valves adjusted 4th Dec. Thickness of adjusting washers $\frac{1}{2}$ "

Material of Crank shaft *Steel* Identification Mark on Do. *Jap. Gov.* Material of Thrust shaft *Steel* Identification Mark on Do. *Jap. Gov.*

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

Material of Steam Pipes *Solid drawn copper* Test pressure 360 lbs 20th July 1916

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. (Secy's Letters M31st Oct & E13th Nov 1916)

All parts of the Engines & Boilers have been examined & found in good condition & the dimensions in accordance with the requirements of the Rules.

The boiler shell plates at the attachments of the domes have been strengthened by riveted straps as shown in the sketch forwarded to enable the boilers to carry the full pressure of 180 lbs per sq. in.

A trial of the machinery at full power was witnessed & all parts worked satisfactorily.

The machinery is in good condition & of good material & workmanship & is in my opinion eligible for the notation LMC 12-16

Copies of the test certificates of boiler material are enclosed.

The shafting was made at the Robt Steel Works.

The amount of Entry Fee ... *Yen 20* : When applied for,
Special ... *Yen 300* : *5th Dec 1916*
Donkey Boiler Fee ... *£* : When received,
Travelling Expenses (if any) Entered on : *6th Dec 1916*
hull report.

Committee's Minute

Assigned

FRI 30 MAR 1917

L M C 12-16

Arthur L. Jones

Engineer Surveyor to Lloyd's Register of Shipping.



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Foundation