

IS A DONKEY BOILER FITTED? *No*

If so, is a report now forwarded?

SPARE GEAR. State the articles supplied:— *The top end bolts. The bottom end bolts. The main bearing bolts. One set coupling bolts. One set feed pump valves. One set bridge pump valves. Bolts nuts & safety valve spring feed escape valve spring*
Supplies

The foregoing is a correct description,

THE GLYDE SHIPBUILDING & ENGINEERING CO. LIMITED,

P. Ferguson Director Manufacturer.

Dates of Survey while building { During progress of work in shops -- } 1921 ^{Sept 8.} Oct. 3. 5. 10. 11. 12. 13. 21. 26. 31. Nov. 3. 8. 16.
{ During erection on board vessel -- }
{ Total No. of visits } 13.

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

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

Dates of Examination of principal parts—Cylinders *13/10/21* Slides *13/10/21* Covers *13/10/21* Pistons *13/10/21* Rods *13/10/21*
Connecting rods *13/10/21* Crank shaft *13/10/21* Thrust shaft *13/10/21* Tunnel shafts *7/10/21* Screw shaft *7/10/21* Propeller *7/10/21*
Stern tube *7/10/21* Steam pipes tested *7/10/21 & 12/10/21* Engine and boiler seatings *7/10/21* Engines holding down bolts *7/10/21*

Completion of pumping arrangements *3/11/21* Boilers fixed *7/10/21* Engines tried under steam *2/10/21*

Completion of fitting sea connections *8/9/21* Stern tube *8/9/21* Screw shaft and propeller *3/10/21*

Main boiler safety valves adjusted *2/10/21* Thickness of adjusting washers *P 23/64 S 23/64 . P 25/64 S 23/64*

Material of Crank shaft *Steel* Identification Mark on Do. *630* Material of Thrust shaft *Steel* Identification Mark on Do. *630*

Material of Tunnel shafts *Steel* Identification Marks on Do. *630* Material of Screw shafts *Steel* Identification Marks on Do. *630*

Material of Steam Pipes *Steel* Test pressure *600 lb*

Is an installation fitted for burning oil fuel *Yes* 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 *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. *Workmanship good.*

The engines and boilers of this vessel have been constructed under the survey of the Marine Service, and were being placed on board before application was made for the Society's Classification.

The engines have been examined throughout and found good. The boilers have been examined internally and externally and found good and in accordance with the approved plan.

The fitting out of the engines and boilers is in accordance with the Society's Rules in all respects. They are now in one opinion in safe working condition and the case is respectfully submitted for the Classification L.N.C. 11.21 in the Register Book.

The amount of Entry Fee ... £ 4 : 0
60% Special ... £ 38 : 17
Donkey Boiler Fee ... £ : :
Travelling Expenses (if any) £ : :

When applied for,

18/11/1921

When received,

14/12/19

James Jones

Engineer Surveyor to Lloyd's Register of Shipping.

Committee's Minute *GLASGOW 22 NOV 1921*

Assigned *LM C 11, 21.*

MACHINERY CERT. WRITTEN 17.12.21 (dated 23/11/21)



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GREENOOK

Certificate (if required) to be sent to The Surveyors are requested not to write on or below the space for Committee's Minute.