

REPORT ON MACHINERY.

No. 17274

of writing Report 29th March, 1918 When handed in at Local Office 30th March, 1918 Port of Greenock Received at London Office WED. 10. APRIL 1918

in Survey held at Port Glasgow Date, First Survey 14th Nov, 1917 Last Survey 24th Dec, 1917
Book. on the steel screw steamer "Malancha" (Number of Vents 2)

Built at Port Glasgow By whom built Russell & Co. Tons } Gross
Plates made at Glasgow By whom made David Brown & Co. } Net
Rivets made at _____ By whom made _____ When built 1917

Indicated Horse Power _____ when made
Horse Power as per Section 28 _____ when made
Owners Brocklebank Ltd Port belonging to _____

Is Refrigerating Machinery fitted for cargo purposes _____ Is Electric Light fitted _____

DESCRIPTION OF ENGINES

No. of Cylinders _____ No. of Cranks _____
Length of Stroke _____ Revs. per minute _____
Dia. of Screw shaft as per rule _____ Material of screw shaft _____
as fitted _____ Is the after end of the liner made water tight _____

If the liner is in more than one length are the joints burned _____
If the liner does not fit tightly at the part _____
the bearings in the stern tube, is the space charged with a plastic material insoluble in water and non-corrosive _____
If two _____

are fitted, is the shaft lapped or protected between the liners _____
Length of stern bush _____
Dia. of Crank shaft journals as per rule _____
as fitted _____ Dia. of Crank pin _____ Size of Crank webs _____
Dia. of thrust shaft under _____

Feed pumps _____ No. of Blades _____ State whether moveable _____ Total surface _____
Diameter of ditto _____ Stroke _____ Can one be overhauled while the other is at work _____
Bilge pumps _____ Diameter of ditto _____ Stroke _____ Can one be overhauled while the other is at work _____
Donkey Engines _____ Sizes of Pumps _____
No. and size of Suctions connected to both Bilge and Donkey pumps _____
In Holds, &c. _____

Are the roses in Engine room always accessible _____
Is a separate Donkey Suction fitted in Engine room & size _____
Are the sluices on Engine room bulkheads always accessible _____
Are they Valves or Cocks Both

Are the Discharge Pipes above or below the deep water line Main below, others above.
Are the Blow Off Cocks fitted with a spigot and brass covering plate Yes
How are they protected _____

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Are the Blow Off Cocks fitted with a spigot and brass covering plate Yes
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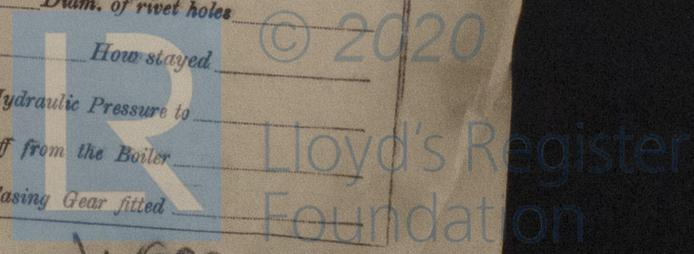
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Russell & Co. 1709



W600-0088

IS A DONKEY BOILER FITTED?

If so, is a report now forwarded?

SPARE GEAR. State the articles supplied:—

The foregoing is a correct description,

Manufacturer.

Dates of Survey while building { During progress of work in shops - - } (1917) Nov: 14. Dec: 24: -
{ During erection on board vessel - - - }
Total No. of visits 2

Is the approved plan of main boiler forwarded herewith

" " " donkey " " "

Dates of Examination of principal parts—Cylinders Slides Covers Pistons Rods

Connecting rods Crank shaft Thrust shaft Tunnel shafts Screw shaft Propeller

Stern tube Steam pipes tested Engine and boiler seatings Engines holding down bolts

Completion of pumping arrangements Boilers fixed Engines tried under steam

Completion of fitting sea connections 24/12/17 Stern tube 24/12/17 Screw shaft and propeller 24/12/17

Main boiler safety valves adjusted Thickness of adjusting washers

Material of Crank shaft Identification Mark on Do. Material of Thrust shaft Identification Mark on Do.

Material of Tunnel shafts Identification Marks on Do. Material of Screw shafts Identification Marks on Do.

Material of Steam Pipes Test pressure

Is an installation fitted for burning oil fuel 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 If so, state name of vessel

General Remarks (State quality of workmanship, opinions as to class, &c.)

This vessel proceeds to Glasgow where the machinery and boilers will be fitted.

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

The amount of Entry Fee ... £	:	:	When applied for,
Special ... £	:	:	19
Donkey Boiler Fee ... £	:	:	When received,
Travelling Expenses (if any) £	:	:	19

Graham R. Houston
Engineer Surveyor to Lloyd's Register of Shipping.

Committee's Minute GLASGOW. 9 APR 1918

Assigned See minute on Gls. Rpt. No. 37654



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LRH
24/1/18