

No. 30,028

*Received at London Office*

the Boiler ✓  
Lloyd's Register  
Gear fitted ✓  
IX253-0940



IS A DONKEY BOILER FITTED?

If so, is a report now forwarded? ✓

SPARE GEAR. State the articles supplied:— Two top end bolts & nuts, two bottom end bolts & nuts, two main bearing bolts & nuts, one set of coupling bolts & nuts, one set of air, feed, & bilge pump valves, one impeller & shaft for circulating pump, one escape valve spring each size, one safety valve spring, 6 gunk ring studs & nuts, one main & one donkey check valve, four donkey pump valves & spring, 2 set of fire bars, 3 condenser tubes & a quantity of bolts & nuts & iron of various sizes.

The foregoing is a correct description,

*S. Arthur Holmes.*  
for CHARLES D. HOLMES & CO. LTD.

Manufacturer.

Dates of Survey while building { During progress of work in shops - - } 1916-Aug 9. 11. 15. 22. 26. 28. Oct 5 Dec 19. 21. 29 1917-Jan 9. 14. 12. 16. 23. 25. 30. Feb 1. 9. 13. 16. 26 Mar 5. 8.  
During erection on board vessel - - - } 14. 19. Apr 2. 4. 13. 24. 26. May 4. 8. 9. 12. 15. 21. 23. 29 Jun 6. 13. 21. 26. 30 Jul 4.  
Total No. of visits 45

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

" " " donkey " " " ✓

Dates of Examination of principal parts—Cylinders 4-5-17 Slides 23-5-17 Covers 15-5-17 Pistons 9-5-17 Rods 12-5-17

Connecting rods 4-5-17 Crank shaft 9-5-17 Thrust shaft 17-5-17 Tunnel shafts ✓ Screw shaft 28-8-16 Propeller 28-8-16

Stern tube 11-8-16 Steam pipes tested 13-6-17 Engine and boiler seatings 15-8-16 Engines holding down bolts 13-6-17

Completion of pumping arrangements 28-6-17 Boilers fixed 15-6-17 Engines tried under steam 28-6-17

Completion of fitting sea connections 15-8-16 Stern tube 15-8-16 Screw shaft and propeller 28-8-16

Main boiler safety valves adjusted 21-6-17 Thickness of adjusting washers 7/32 & 3/8

Material of Crank shaft *Iron* Identification Mark on Do. 1780 FLS Material of Thrust shaft *Iron* Identification Mark on Do. 1782 FLS

Material of Tunnel shafts ✓ Identification Marks on Do. ✓ Material of Screw shafts *Iron* Identification Marks on Do. 1723 FLS

Material of Steam Pipes *solid drawn copper* ✓ *Steel pipes fitted for superheat 135* Test pressure 200 lbs

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. The Machinery of this vessel has been constructed under special survey in accordance with the approved plans of the rules of this Society, the materials & workmanship are good, The Boiler & steam pipes have been tested as above & found sound & tight. The machinery has been properly fitted & secured on board the vessel & on completion was tried under steam under full working conditions & found satisfactory. The safety valves have been adjusted & tested for accumulation which did not exceed 210 lbs.

In my opinion the vessel is eligible for the record + L.M.C. 7-17

It is submitted that  
this vessel is eligible for  
THE RECORD. + L.M.C. 7. 17.

*APR*

*AWD.*  
9/7/17

The amount of Entry Fee ... £ 1 : 0 :  
Special ... £ 14 : 2 :  
Donkey Boiler Fee ... £ : :  
Traveling Expenses (if any) £ : 8/2 :  
When applied for, 7. 7. 1917  
When received, 31. 7. 1917

*Frank L. Sturgeon*

Engineer Surveyor to Lloyd's Register of Shipping.

Committee's Minute

FRI 13 JUL 1917

Assigned

+ L.M.C. 7. 17.

MACHINERY CERTIFICATE  
WRITTEN.



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Foundation