

No.

1540

TRANSFERRED TO:  
L R SYSTEM

THE BRITISH CORPORATION FOR THE SURVEY

AND

REGISTRY OF SHIPPING.

RETAIN

Report No.

1423

No. in Register Book

2556.

TRANSFERRED TO:  
L R SYSTEM

S.S.

"PARIS CITY"

Makers of Engines

Messrs Blair & Co.

Works No.

1870.

Makers of Main Boilers

Messrs Blair & Co.

Works No.

1870.

Makers of Donkey Boiler

MESSRS RILEY BROS.

Works No.

5232.

MACHINERY.



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Certificate for donkey  
boiler required to S. 1423  
Charnock & Riley  
15/8/77 S. 1423

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012553-012563-0132



No.

THE BRITISH CORPORATION FOR THE SURVEY  
AND  
REGISTRY OF SHIPPING.

Report No. *1423* No. in Register Book *2556*

Received at Head Office *21<sup>st</sup> February 1922*

Surveyor's Report on the *Neto* Engines, Boilers, and Auxiliary  
Machinery of the *Single* ~~Triple~~ *Scotch* *Steamer*.  
*"Paris City."*

Official No. Port of Registry *Bideford*  
Registered Owners *W. R. Smith Sons*

Engines Built by *Messrs Blair & Co.*  
at *Stockton-on-Tees*

Main Boilers Built by *Messrs Blair & Co.*  
at *Stockton-on-Tees*

Donkey " " *Riley Bros.*  
at *Stockton*

Date of Completion *13-8-20*

First Visit *24-5-19* Last Visit *13-8-20* Total Visits *80*

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## RECIPROCATING ENGINES.

Works No. *1840* No. of Sets *1* Description *Inserted Triple Expansion Marine.*

No. of Cylinders each Engine *Three* No. of Cranks *Three*  
 Diars. of Cylinders *28" x 46" x 75"* Stroke *51"*  
 Cubic feet in each L.P. Cylinder *131.*  
 Are Spring-loaded Relief Valves fitted to Top and Bottom of each Cylr.? *Yes.*

" " " each Receiver? *Yes*

Type of H.P. Valves, *Piston.*

" 1st I.P. " *Slide*

" 2nd I.P. " *Slide*

" L.P. " *Slide*

" Valve Gear *Stephenson's*

" Condenser *Steel, circular*

Diameter of Piston Rods (plain part) *7 1/2"*

Screwed part (bottom of thread) *5 1/8"*

Material " *Steel*

Diar. of Connecting Rods (smallest part) *7 1/2"*

Material *Steel*

" Crosshead Gudgeons *8"*

Length of Bearing *1-4 1/2"*

Material *Gun Metal.*

No. of Crosshead Bolts (each) *4*

Diar. over Thrd. *3 1/4"*

Thrds. per inch *6*

Material *Steel.*

" Crank Pin " *2*

" *4 5/8"*

" *4*

" *Steel.*

" Main Bearings *6*

Lengths *1-1-4" & 5-1-4 1/4"*

" *4"*

Threads per inch *5*

Material *Steel.*

" Bolts in each *2*

Diar. over Thread *4"*

Threads per inch *5*

Material *Steel.*

" Holding Down Bolts, each Engine *83*

Diar. *1 3/8"*

No. of Metal Chocks *58*

" *Steel.*

Are the Engines bolted to the Tank Top or to a Built Seat? *Tank Top.*

Are the Bolts tapped through the Tank Top and fitted with Nuts Inside? *Yes.*

If not, how are they fitted?

Connecting Rods, Forged by *Blair & Co. Stockton*

Piston " " *do.*

Crossheads, " " *do.*

Connecting Rods, Finished by *Blair & Co.*

Piston " " *do.*

Crossheads, " " *do.*

Date of Harbour Trial *August 6<sup>th</sup>/1920.*

" Trial Trip *August 13<sup>th</sup>/1920.*

Trials run *from Tees To Tyne.*

Were the Engines tested to full power under Sea-going conditions? *Poor Steam Pressure on Trial.*

If so, what was the I.H.P.? *2271.*

Revs. per min. *80.*

Pressure in 1st I.P. Receiver, *45* lbs., 2nd I.P.,

lbs., L.P., *9 1/2* lbs., Vacuum, *28* ins.

Speed on Trial *No Speed Trial.*

If the Conditions on Trial were such that full power records were not obtained give the following estimated

data:—

Builders' estimated I.H.P. *2800*

Revs. per min. *69.*

Estimated Speed *11 Knots.*



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## TURBINE ENGINES.

Works No. Type of Turbines  
 No. of H.P. Turbines No. of I.P. No. of L.P. No. of Astern

Are the Propeller Shafts driven direct by the Turbines or through Gearing?

Is Single or Double Reduction Gear employed?

Revs. per min. of H.P. Turbines at Full Power

" " I.P. " "

" " L.P. " "

" " 1st Reduction Shaft

" " 2nd "

" " Propeller Shaft

Total Shaft Horse Power

Date of Harbour Trial

" Trial Trip

Trials run at

Speed on Trial

Turbine Spindles forged by

" Wheels forged or cast by

Reduction Gear Shafts forged by

" Wheels forged or cast by

DESCRIPTION OF INSTALLATION.



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## TURBINE ENGINES

No. of H.P. Turbine  
Type of Turbine  
No. of L.P.  
No. of A.P.

Are the propeller shafts driven direct by the turbine or through gearing?

In Single or Double Reduction (Gear engine or)

Shaft, not only in H.P. Turbine as well Power

L.P.

"

1st Reduction Gear

"

Propeller Shaft

Total Shaft Horse Power

Date of Installation (Year)

Year Type

Installation at

Speed on Turb

Turbine Shafting driven by

" Wheel (gear) or cast iron

Reduction Gear Shaft (gear) or

" Wheel (gear) or cast iron

DESCRIPTION OF INSTALLATION

## TURBO-ELECTRIC PROPELLING MACHINERY

No. of Turbo-Generating Sets

Capacity of each

Type of Turbine employed

Description of Generators

Are the propeller shafts driven direct by the turbine or through gearing?

In Single or Double Reduction (Gear engine or)

Shaft, not only in H.P. Turbine as well Power

L.P.

No. of Motors driving propeller shafts

Are the propeller shafts driven direct by the motors or through gearing?

In Single or Double Reduction (Gear engine or)

Description of Motors

Turbine, per set of Generators as well Power

" Motor

" Propeller

Total Shaft Horse Power

Date of Installation (Year)

Year Type



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## TURBO-ELECTRIC PROPELLING MACHINERY.

No. of Turbo-Generating Sets Capacity of each

Type of Turbines employed

Description of Generators

No. of Motors driving Propeller Shafting

Are the Propeller Shafts driven direct by the Motors or through Gearing?

Is Single or Double Reduction Gear employed?

Description of Motors

Revs. per min. of Generators at Full Power

" " Motors "

" " Propellers "

Total Shaft Horse Power "

Date of Harbour Trial

" Trial Trip

Trials run at

Makers of Turbines

" Generators

" Motors

" Reduction Gear

Turbine Spindles forged by

" Wheels forged or cast by

Reduction Gear Shafts forged by

" Wheels forged or cast by



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No. of Blades each Propeller *Four* Fitted or Solid? *Solid*  
 Material of Blades *Bronze* Boss *Bronze*  
 Diam. of Propeller *19'-0"* Pitch *17'-6"* Surface *108* S. ft.  
 Coefficient of Displacement of Vessel at  $\frac{1}{2}$  Moulded Depth *.75*

Crank Shafts Forged by *Messrs John Spencer & Sons* Material *Ingot Steel*  
 " Pins " *do* " *do* "  
 " Webs " *Messrs Blair & Co* " *do*  
 Thrust Shafts " *Messrs John Spencer & Sons* " *do*  
 Intermed. " *do* " *do*  
 Propeller " *do* " *do*  
 Crank " Finished by *Messrs Blair & Co*  
 Thrust " *do*  
 Intermed. " *do*  
 Propeller " *do*

## STAMP MARKS ON SHAFTS

B.C.  
 N°3475  
 25-6-20  
 J.D.S.

15-2-20  
 21-5-20  
 14-5-20  
 19-5-20  
 3-6-20  
 19-5-20  
 26-5-20  
 2-7-20

B.C.  
 N°3475  
 J.D.S.

Crank Shaft

Thrust Shaft  
 No 2 Intermediate

" 3  
 " 4  
 " 5  
 " 6  
 " 7

Propeller

## SKETCH OF PROPELLER SHAFT.

*[Faint, mostly illegible handwritten notes and sketches of propeller shaft components, including labels like 'No. of Blades', 'Diam.', 'Pitch', 'Surface', 'S. ft.', and 'Coefficient of Displacement'. Some sketches show cross-sections of shafts and propellers.]*



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## PUMPS, ETC.

No. of Air Pumps *One* Diar. *24"* Stroke *36"*

Worked by Main or Independent Engines? *Main.*

No. of Circulating Pumps *One* Diar. Stroke

Type of " *Centrifugal*

Diar. of " Suction from Sea *12"*

Has each Pump a Bilge Suction with Non-return Valve? *Yes.* Diar. *9"*

What other Pumps can circulate through Condenser? *Ballast Donkey.*

No. of Feed Pumps on Main Engine *Two* Diar. *3½"* Stroke *36"*

Are Spring-loaded Relief Valves fitted to each Pump? *Yes.*

Can one Pump be overhauled while the others are at work? *Yes.*

No. of Independent Feed Pumps *2* Cyl. *8"* Pump *10½"* Stroke *21"*

What other Pumps can feed the Boilers? *General Service Feed Donkey.*

No. of Bilge Pumps on Main Engine *Two* Diar. *3½"* Stroke *36"*

Can one Pump be overhauled while the others are at work? *Yes.*

No. of Independent Bilge Pumps *—*

What other Pumps can draw from the Bilges? *Ballast Donkey Pump.*

*& Main Engine Circulating Pump.*

Are all Bilge Suctions fitted with Roses? *Yes.*

Are the Valves, etc., so arranged as to prevent unintentional connection between Sea and Bilges? *Yes.*

Are all Sea Connections made with Valves or Cocks next the Ship's sides? *Yes.*

Are they placed so as to be easily accessible? *Yes.*

Are the Discharge Chests placed above or below the Deep Load Line? *Below.*

Are they fitted direct to the Hull Plating and easily accessible? *Yes.*

Are all Blow-off Cocks or Valves fitted with Spigots through the Hull Plating and Covering Plates or Flanges

on the Outside? *Yes.*

## DONKEY BOILER

BOILERS

*Ruby Bros Co 528981*



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## BOILERS.

Works No. *1870.*

No. of Boilers *3.* Type *Cylindrical Multitubular.*

Single or Double ended *Single ended.*

No. of Furnaces in each *Three*

Type of Furnaces *Beighton.*

Date when Plan approved *21-5-19*

Approved Working Pressure *180 Lbs / sq"*

Hydraulic Test Pressure *320 " "*

Date of Hydraulic Test *11-6-20*

" when Safety Valves set *6-8-20*

Pressure at which Valves were set *185 Lbs / sq"*

Date of Accumulation Test *#40 6-8-20*

Maximum Pressure under Accumulation Test *190 Lbs.*

System of Draught *Howdens. C.T.*

Can Boilers be worked separately? *Yes.*

Makers of Plates *John Spence & Sons.*

" Stay Bars *— do —*

" Rivets *Blair & Co. Ltd.*

" Furnaces *Leeds Forge Co. Ltd.*

Greatest Internal Diam. of Boilers *16' — 0 <sup>3</sup>/<sub>8</sub>"*

" " Length " *11' — 10 <sup>31</sup>/<sub>32</sub>"*

Square Feet of Heating Surface each Boiler *3000 + 9000*

" " Grate " " *64.3 + 3 192.9*

No. of Safety Valves each Boiler *2* Diam. *4"*

Are the Safety Valves fitted with Easing Gear? *yes.*

No. of Pressure Gauges, each Boiler *2* No. of Water Gauges *One.*

" Test Cocks " *3* " Salinometer Cocks *One*

## DONKEY BOILER.

*Riley Bros no 5232*

*160 lbs.*  
*320 lbs.*  
*5-5-20*  
*10-8-20*  
*160 lbs.*  
*10-8-20*  
*163 lbs.*

*" Indian "*  
*sp*

*Same as*



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Are the Water Gauges fitted direct to the Boiler Shells or mounted on Pillars?

*On Pillars.*

Are the Water Gauge Pillars fitted direct to the Boiler Shells or connected by Pipes?

*Direct.*

Are these Pipes connected to Boilers by Cocks or Valves?

Are Blow-off Cocks or Valves fitted on Boiler Shells?

*Valves.*

No. of Strakes of Shell Plating in each Boiler

*Two.*

Plates in each Strake

*One.*

Thickness of Shell Plates Approved

*1  $\frac{5}{16}$ "*

in Boilers

*1  $\frac{5}{16}$ "*

Are the Rivets Iron or Steel?

*Steel.*

Are the Longitudinal Seams Butt or Lap Joints?

*Butt joints.*

Are the Butt Straps Single or Double?

*Double.*

Are the Double Butt Straps of equal width?

*Yes.*

Thickness of outside Butt Straps

*1  $\frac{3}{16}$ "*

inside

*1  $\frac{3}{16}$ "*

Are Longitudinal Seams Hand or Machine Riveted?

*Machine*

Are they Single, Double, or Treble Riveted?

*Treble.*

No. of Rivets in a Pitch

*Five*

Diam. of Rivet Holes

*1  $\frac{3}{8}$ "*

Pitch

*9  $\frac{5}{8}$ "*

No. of Rows of Rivets in Centre Circumferential Seams

Are these Seams Hand or Machine Riveted?

Diam. of Rivet Holes

Pitch

No. of Rows of Rivets in Front End Circumferential Seams

Are these Seams Hand or Machine riveted?

*Back machine, Front-hand.*

Diam. of Rivet Holes

*1  $\frac{7}{16}$ "*

Pitch

*4  $\frac{1}{4}$ "*

No. of Rows of Rivets in Back End Circumferential Seams

*Two.*

Are these Seams Hand or Machine Riveted?

*Machine*

Diam. of Rivet Holes

*1  $\frac{7}{16}$ "*

Pitch

*4  $\frac{1}{4}$ "*

Size of Manholes in Shell

*16" x 12"*

Dimensions of Compensating Rings

*2'-7  $\frac{1}{2}$ " x 2'-3  $\frac{1}{4}$ "*



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Diar. of Stays Approved  $3\frac{3}{8}"$  Threads per Inch 6 (Steam Space)  
 " " in Boilers  $3\frac{3}{8}"$  6.

Material " Steel.

Thickness of Front Tube Plates Approved

" " " " in Boilers

Pitch of Stay Tubes at Spaces between Stacks of Tubes

Thickness of Doublings in " " "

" Stay Tubes at " " "

Are Stay Tubes fitted with Nuts at Front End?

Corner stay tubes only.

Thickness of Back Tube Plates Approved

" " " in Boilers

Pitch of Stay Tubes in Back Tube Plates

" Plain "

Thickness of Stay Tubes

" Plain "

External Diar. of Tubes

Material "

Thickness of Furnace Plates Approved

" " " in Boilers

Smallest outside Diar. of Furnaces

Length between Tube Plates

Width of Combustion Chambers (Front to Back)

Thickness of " " Tops Approved

" " " " in Boilers

Pitch of Screwed Stays in C.O. Tops

Same as sp. Indian City



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Diar. of Screwed Stays Approved

 $1\frac{3}{4}"$ 

Threads per Inch

8.

" " " in Boilers

 $1\frac{3}{4}"$ 

8.

Material

"

Steel

Thickness of Combustion Chamber Sides Approved

 $\frac{11}{16}"$ 

" " " in Boilers

 $\frac{11}{16}"$ 

Pitch of Screwed Stays in C.O. Sides

 $8\frac{3}{4}" \times 9" + 8\frac{3}{4}" \times 9\frac{1}{2}"$ 

Diar. " " Approved

 $1\frac{3}{4}"$ 

Threads per Inch

8.

" " " in Boilers

 $1\frac{3}{4}"$ 

8.

Material

"

Steel

Thickness of Combustion Chamber Backs Approved

 $\frac{11}{16}"$ 

" " " in Boilers

 $\frac{11}{16}"$ 

Pitch of Screwed Stays in C.O. Backs

 $9" \times 9\frac{1}{8}"$ 

Diar. " " Approved

 $1\frac{7}{8}"$ 

Threads per Inch

8.

" " " in Boilers

 $1\frac{7}{8}"$ 

8.

Material

"

Steel

Are all Screwed Stays fitted with Nuts inside C.O.?

yes.

Thickness of Combustion Chamber Bottoms

 $1\frac{1}{2}"$ 

No. of Girders over each Wing Chamber

Five.

" " " Centre "

Four

Depth and Thickness of Girders

 $8\frac{1}{2}" \times \frac{15}{16}"$  (Each plate).

Material of Girders

Steel

No. of Stays in each

Three

No. of Tubes, each Boiler

1470.

Size of Lower Manholes

 $16" \times 12"$ 

## VERTICAL DONKEY BOILERS

No. of Boilers  
Type  
Height  
Greatest Int. Diam.  
Height of Boiler Crown above Fire Grate  
Are Boiler Crown Flat or Dished?  
Internal Radius of Dished Boilers  
Description of Stays in Boiler Crown  
Line of Water Tubes  
Height of Water Tubes above Fire Grate  
Are Water Tubes Flat or Dished?  
Internal Radius of Dished Tubes  
No. of Crown Stays  
Line  
Material Diam. of Tubes at Top  
No. of Water Tubes  
Material of Water Tubes  
Size of Manhole in Shell  
Description of Compensating Pipe  
Flange Surface each Boiler

## SUPERHEATER

Description of Superheaters

Where situated?

Which Boilers are connected with Superheaters?

Can Superheaters be shut off while Boilers are working?

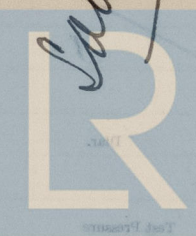
No. of Safety Valves on each Superheater

Are they fitted with lifting gear?

Type of Safety Valve

Date when Safety Valves set

Pressure on Valves



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## VERTICAL DONKEY BOILERS.

No. of Boilers Type  
 Greatest Int. Diar. Height  
 Height of Boiler Crown above Fire Grate  
 Are Boiler Crowns Flat or Dished?  
 Internal Radius of Dished Ends Thickness of Plates  
 Description of Seams in Boiler Crowns  
 Diar. of Rivet Holes Pitch Width of Overlap  
 Height of Firebox Crowns above Fire Grate  
 Are Firebox Crowns Flat or Dished?  
 External Radius of Dished Crowns Thickness of Plates  
 No. of Crown Stays Diar. Material  
 External Diar. of Firebox at Top Bottom Thickness of Plates  
 No. of Water Tubes Ext. Diar. Thickness  
 Material of Water Tubes  
 Size of Manhole in Shell  
 Dimensions of Compensating Ring  
 Heating Surface, each Boiler Grate Surface

## SUPERHEATERS.

Description of Superheaters  
 Where situated?  
 Which Boilers are connected to Superheaters?  
 Can Superheaters be shut off while Boilers are working?  
 No. of Safety Valves on each Superheater Diar.  
 Are " " fitted with Easing Gear?  
 Date of Hydraulic Test Test Pressure  
 Date when Safety Valves set Pressure on Valves

## MAIN STEAM PIPES

No. of Pipes  
 Material  
 Internal Dia.  
 Thickness  
 How are Pipes secured?  
 Date of Hydraulic Test  
 Test Pressure  
 No. of Pipes  
 Material  
 Internal Dia.  
 Thickness  
 How are Pipes secured?  
 Date of Hydraulic Test  
 Test Pressure  
 No. of Pipes  
 Material  
 Internal Dia.  
 Thickness  
 How are Pipes secured?  
 Date of Hydraulic Test  
 Test Pressure



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## MAIN STEAM PIPES.

No. of Lengths	5		
Material	Copper		
Brazed, Welded or Seamless	Seamless		
Internal Diam.	5"		
Thickness	5 WG.		
How are Flanges secured?	Brazed		
Date of Hydraulic Test	26-7-20		
Test Pressure	400 lbs.		
No. of Lengths			
Material			
Brazed, Welded or Seamless			
Internal Diam.			
Thickness			
How are Flanges secured?			
Date of Hydraulic Test			
Test Pressure			
No. of Lengths			
Material			
Brazed, Welded or Seamless			
Internal Diam.			
Thickness			
How are Flanges secured?			
Date of Hydraulic Test			
Test Pressure			

## EVAPORATORS.

No. of Lengths	1		
Material	Ball		
Brazed, Welded or Seamless	Seamless		
Internal Diam.	18"		
Thickness	1/2"		
How are Flanges secured?	Welded		
Date of Hydraulic Test	18-8-19		
Test Pressure	100 lbs.		

## FEED WATER HEATERS.

No. of Lengths	1		
Material	Ball		
Brazed, Welded or Seamless	Seamless		
Internal Diam.	18"		
Thickness	1/2"		
How are Flanges secured?	Welded		
Date of Hydraulic Test	18-8-19		
Test Pressure	100 lbs.		

## FEED WATER FILTERS.

No. of Lengths	1		
Material	Ball		
Brazed, Welded or Seamless	Seamless		
Internal Diam.	18"		
Thickness	1/2"		
How are Flanges secured?	Welded		
Date of Hydraulic Test	18-8-19		
Test Pressure	100 lbs.		



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## EVAPORATORS.

No. *One* Type *6* Tons per Day *35*  
 Makers *Weiss - C. J.*  
 Working Pressure *15 lbs.* Test Pressure *30 lbs.* Date of Test *8-12-19.*  
 Date of Test of Safety Valves under Steam *6-8-20*

## FEED WATER HEATERS.

No. *One* Type *180 lbs.*  
 Makers *Weiss Direct Contact*  
 Working Pressure Test Pressure Date of Test

## FEED WATER FILTERS.

No. *One.* Type *Pressure.* Size *4" inlet.*  
 Makers *Kirkaldys.*  
 Working Pressure *180 lbs.* Test Pressure *432 lbs.* Date of Test

## LIST OF DONKEY PUMPS.

*Weiss Feed Donkey*  
*Ballast Pump 10" x 11" x 10"*  
*General Service " 8" x 9" x 10"*



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## SPARE GEAR.

No. of Top End Bolts. 2	No. of Bot. End Bolts. 2	No. of Cylinder Cover Studs 6
" Coupling Bolts 1 set.	" Main Bearing Bolts 2	" Valve Chest " 6
" Junk Ring Bolts 12	" Feed Pump Valves 2	" Bilge Pump Valves 2
" H.P. Piston Rings	" L.P. Piston Rings	" L.P. Piston Rings
" " Springs	" " Springs	" " Springs
" Safety Valve " 1	" Fire Bars 75	" Feed Check Valves
" Piston Rods	" Connecting Rods	" Valve Spindles
" Air Pump Rods	" Air Pump Buckets	" Air Pump Valves 6
" Cir. "	" Cir. "	" Cir. "
" Crank Shafts	" Crank Pin Bushes	" Crosshead Bushes
" Propeller Shafts	" Propellers 1	" Propeller Blades
" Boiler Tubes 6	" Condenser Tubes 6	" Condenser Ferrules 100.

## OTHER ARTICLES OF SPARE GEAR:—

- 6- Gauge Glasses.
- 6 Bars Iron (assorted).
- 3- Plates Iron (assorted thickness).
- 6- Sheets Tin.
- 2- Sheets Copper each 12" square.
- 12- Spare Pricker Blades.
- 2- Main Feed Check valve lids.
- 2- Donkey " " " "
- 12- Assorted Studs for Glands & Covers.
- 1- Set Feed Donkey Pump valves
- 1- " Ballast " " "
- 24- Taylor's Rings (assorted sizes).
- 2- Fire Bar Patterns.
- 1- Set Baffle Plate Patterns for Furness Fronts of Main Boilers.

Spare Gear (Continued)

- 1- Wood Side Bar Pattern. (Left Hand).
- 1- " " " (Right ").
- 1- Spare Set of Piston Rings for all Auxiliaries.

Centrifugal Pump.

Main Feed Pump.

Feed Donkey.

Ballast " 10" x 11" x 10"

" " 8" x 9" x 10"

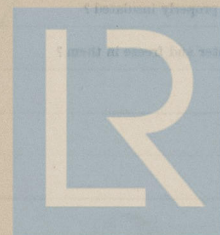
Winch Cond. Pump.

Forced Draught Fan Engine.

Oil Transfer Pump.

Oil Pumps.

- 1- Pair Spare Bottom End Bearings complete.
- 1- Spare impeller & shaft for Cent. Pump.



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## REFRIGERATORS.

No. of Machines

Capacity of each

## Makers

### Description

No. of Steam Cylinders, each Machine

No. of Compressors

No. of Cranks

Particulars of Pumps in connection with Refrigerating Plant and whether worked by Refrigerating Machines  
or Independently

### System of Refrigeration

## Insulation

Are Brine and other Regulating Valves placed so as to be accessible without entering the Insulated

## Spaces ?

Are all Pipes, Air Trunks, &c., well secured and protected from risk of damage?

Are all Bilge, Sounding, and Air Pipes in Insulated Spaces properly insulated?

Are Thermometer Tubes so arranged that Water cannot enter and freeze in them?

Date of Test under Working Conditions

### RESULTS OF TRIALS.

COMPARTMENT.	Temp. at beginning of Trial.	Temp. at end of Trial.	Time required to obtain this Result.	Rise of Temp. after hours.
Bottom of Druggist				
Surface				
General Character of Temperature				
Depth of Druggist's Temperature				
Location of Druggist				
Water Surface Level				
Dir. of Druggist to other sources of Druggist				
Particulars of their Druggist				
Time				

Articles of Spare Gear for Refrigerating Plant carried on board:—

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Are Cut-outs fitted as follows?—

On Main Switch Board, to Cables of Main Circuits

On Aux.            "            "       each Auxiliary Circuit

Wherever a Cable is reduced in size

To each Lamp Circuit

To both Flow and Return Wires of all Circuits when the Double-Wire System is adopted

### Are the Fuses of Standard Sizes ?

Are all Switches and Cut-outs constructed of Non-inflammable Material?

Are they placed so as to be always and easily accessible?

Smallest Single Wire used, No.	S.W.G.,	Largest, No.	S.W.G.,
--------------------------------	---------	--------------	---------

How are Conductors in Engine and Boiler Spaces protected?

Saloons, State Rooms, &c.,      ?

What special protection is provided in the following cases?—

- (1) Conductors exposed to Heat or Damp
- (2) " " passing through Bunkers or Cargo Spaces
- (3) " " Deck Beams or Bulkheads

is unimpaired? • *Journal of the American Academy of Child and Adolescent Psychiatry* 35:1033-1040, 1996. Have the Machinery and Motion been corrected in accordance with the requirements of the Copyright Clearance Center?

Are all Joints in accessible positions, none being made in Bunkers or Cargo Spaces?

Are all Hull Connections for Single-Wire Systems made with Screws of large Surface?

Are the Dynamos, Motors, Main and Branch Cables, so placed that the Compasses are not injuriously affected by them?

Have Tests been made to prove that this condition has been satisfactorily fulfilled?

Has the Insulation Resistance over the whole system been tested?

What does the Resistance amount to?

Ohms.

Is the Installation supplied with a Voltmeter?

" " " an Ampere Meter?

Date of Trial of complete Installation *13-8-20* Duration of Trial *Phos*



## GENERAL CONSTRUCTION.

Have the Machinery and Boilers been constructed in accordance with the requirements of the Rules and the

Approved Plans? *yes.*

If not, give details of the points of difference, and state when these were sanctioned by the Chief

Surveyor.

Are the Materials used in the Construction of Engines and Boilers, so far as could be seen sound and

trustworthy? *yes.*

Is the Workmanship throughout thoroughly satisfactory? *yes.*

The above correctly describes the Machinery of the S.S.

as ascertained by <sup>us</sup> <sub>me</sub> from personal examination

*"Paris City."*

*J. D. Stephenson*  
Engineer Surveyor to the British Corporation for the  
Survey and Registry of Shipping.

## Fees—

## MAIN BOILERS.

H.S. *9000* Sq. ft. : :

G.S. *192.9.* " : :

## DONKEY BOILERS.

H.S. *1196* Sq. ft. : :

G.S. *35.* " : :

£ : :

## ENGINES.

L.P.C. *131.* Cub. ft. : :

£ : :

Testing, &c. ... .. : :

£ : :

Expenses ... .. : :

Total ... £ : :

It is submitted that this Report be approved,

*John King*  
Chief Surveyor.

Approved by the Committee for the Class of M.B.S.\* on the

*1<sup>st</sup> March 1922*

Fees advised

Fees paid



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Foundation Secretary.



## GENERAL CONSTRUCTION

Form

The following information was obtained from the inspection of the

Approved by the Committee for the Classification of M.B.E. and the

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It is requested that this Report be approved.

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