

No. 2025

THE BRITISH CORPORATION FOR THE SURVEY
AND
REGISTRY OF SHIPPING.

Report No. 1834 No. in Register Book 3144

S.S. " SHIRLEY G. TAYLOR " *E.L. see Bridge Kenebik*

Makers of Engines EARLES S. & E. CO. LTD.

Works No. 649

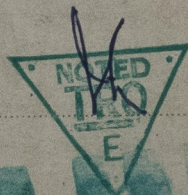
Makers of Main Boilers EARLES S. & E. CO. LTD.

Works No. 649

Makers of Donkey Boiler ✓

Works No. ✓

MACHINERY



© 2010
Lloyd's Register
Foundation

003948-003957-0307

No.

THE BRITISH CORPORATION FOR THE SURVEY

AND

REGISTRY OF SHIPPING.

Report No. 183# No. in Register Book 3144

Received at Head Office 15 MAY 1925

Surveyor's Report on the New Engines, Boilers, and Auxiliary Machinery of the ~~Single Triple~~ ~~Twin Quadruple~~ Screw SHIRLEY G. TAYLOR

Official No. 148440 Port of Registry HULL.

Registered Owners Eastern Steamship Co. Ltd.
Port Colborne, Ontario

Engines Built by Earle, S. & Co. Ltd.

at Hull.

Main Boilers Built by Earle, S. & Co. Ltd.

at Hull.

Donkey

"

at

Date of Completion 14.4.25

First Visit 22.8.24

Last Visit 14.4.25 Total Visits 56.

© 2020 Lloyd's Register Foundation

RECIPROCATING ENGINES.

Works No. 649

No. of Sets 1

Description

Triple Expansion

Surface Condensing

No. of Cylinders each Engine

3

No. of Cranks

3

Diams of Cylinders

17" 28" 46"

Stroke

33"

Cubic feet in each L.P. Cylinder

31.7

Are Spring-loaded Relief Valves fitted to Top and Bottom of each Cylr?

" " " each Receiver?

Type of H.P. Valves,

" 1st I.P. "

" 2nd I.P. "

" L.P. "

" Valve Gear

" Condenser

Diameter of Piston Rods (plain part)

Screwed part (bottom of thread)

Material

Diam. of Connecting Rods (smallest part)

Material

" Crosshead Gudgeons

Length of Bearing

Material

No. of Crosshead Bolts (each)

Diam. over Thrd.

Thrds. per Inch

Material

" Crank Pin " "

" Main Bearings

Lengths

" Bolts in each

Diam. over Thread

Threads per inch

Material

" Holding Down Bolts, each Engine

Diam.

No. of Metal Chocks

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

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

If not, how are they fitted?

Connecting Rods, Forged by

Piston

Crossheads,

Connecting Rods, Finished by

Piston

Crossheads,

Date of Harbour Trial

" Trial Trip

Trials run at

Were the Engines tested to full power under Sea-going conditions?

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

Pressure in 1st I.P. Receiver,

lbs., 2nd I.P.,

lbs., L.P.,

lbs., Vacuum,

Ins.

Speed on 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.

Estimated Speed

950

9½ knots.

Revs. per min. 86



© 2020

Lloyd's Register
Foundation

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?

Diar. of 1st Reduction Pinion

" 1st " Wheel

} Width Pitch of Teeth

Estimated Pressure per lineal inch

Diar. of 2nd Reduction Pinion

" 2nd " Wheel

} Width Pitch of Teeth

Estimated Pressure per lineal inch

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

S.H.P.

" " 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

Knots. Propeller Revs. per min.

S.H.P.

Turbine Spindles forged by

" Wheels forged or cast by

Reduction Gear Shafts forged by

" Wheels forged or cast by

DESCRIPTION OF INSTALLATION.

No. of Turbo-Generators per

Type of Turbine employed

Description of Generators

No. of Motors driving Propeller Shafts

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

Is Single or Double Reduction Gear employed?

Description of Motors

Diar. of 1st Reduction Pinion

" 1st " Wheel

} Width Pitch of Teeth

Estimated Pressure per lineal inch

Revs. per min. of Generators at Full Power

" " Motors

" " 1st Reduction Shaft

" " 2nd " "

" " Propeller Shaft

Total Shaft Horse Power

Date of Harbour Trial

" Trial Trip

Trials run at

Speed on Trial

Knots. Propeller Revs. per min.

S.H.P.

Turbine Spindles forged by

" Wheels forged or cast by

Reduction Gear Shafts forged by

" Wheels forged or cast by



© 2020

Lloyd's Register
Foundation

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

Diam. of 1st Reduction Pinion

Width

Pitch of Teeth

" 1st " Wheel

Estimated Pressure per lineal inch

Diam. of 2nd Reduction Pinion

Width

Pitch of Teeth

" 2nd " Wheel

Estimated Pressure per lineal inch

Revs. per min. of Generators at Full Power

" Motors

" 1st Reduction Shaft

" 2nd

" Propellers at Full Power

Total Shaft Horse Power

Date of Harbour Trial

" Trial Trip

Trials run at

Speed on Trial

Knots. Propeller Revs. per min.

S.H.P.

Makers of Turbines

Generators

Motors

Reduction Gear

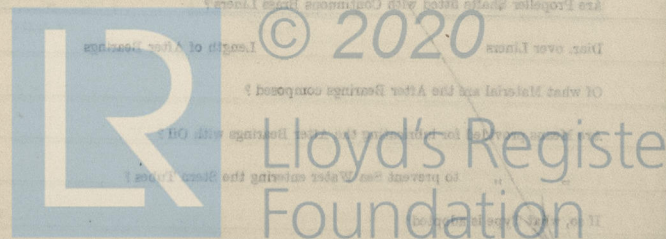
Turbine Spindles forged by

Wheels forged or cast by

Reduction Gear Shafts forged by

Wheels forged or cast by

DESCRIPTION OF INSTALLATION.



SHAFTING.

Are the Crank Shafts Built or Solid ?

No. of Lengths in each Angle of Cranks

Diar. by Rule Actual In Way of Webs

" of Crank Pins Length between Webs

Greatest Width of Crank Webs Thickness

Least " " " "

Diar. of Keys in Crank Webs Length

" Dowels in Crank Pins Length Screwed or Plain

No. of Bolts each Coupling Diar. at Mid Length Diar. of Pitch Circle

Greatest Distance from Edge of Main Bearing to Crank Web

Type of Thrust Blocks

No. " Rings

Diar. of Thrust Shafts at bottom of Collars No. of Collars

" " Forward Coupling At Aft Coupling

Diar. of Intermediate Shafting by Rule Actual No. of Lengths

No. of Bolts, each Coupling Diar. at Mid Length Diar. of Pitch Circle

Diar. of Propeller Shafts by Rule Actual At Couplings

Are Propeller Shafts fitted with Continuous Brass Liners ?

Diar. over Liners Length of After Bearings

Of what Material are the After Bearings composed ?

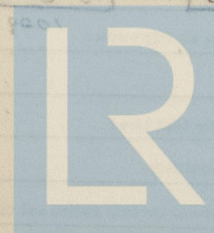
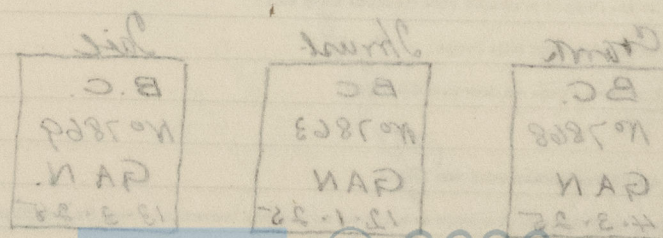
Are Means provided for lubricating the After Bearings with Oil ?

" " to prevent Sea Water entering the Stern Tubes ?

If so, what Type is adopted?

See Book 2023

SKETCH OF CRANK SHAFT.



© 2020

Lloyd's Register
Foundation

Material of Blades	Pitch	Surface (each	S. ft.
Coefficient of Displacement of Vessel at $\frac{1}{2}$ Moulded Depth			
Crank Shafts Forged by		Material	
" Pins	"	"	
" Webs	"	"	
Thrust Shafts	"	"	
Intermed. "	"	"	
Propeller "	"	"	
Crank " Finished by			
Thrust "	"		
Intermed. "	"		
Propeller "	"		

STAMP MARKS ON SHAFTS.

Crank
BC.
No 7868
GAN
4.3.25

Thrust
BC
No 7863
GAN
12-1-25
1025

Tail
B.C.
No 7869
GA N.
13.3.25
1029

BOILERS.

Works No. **649.**

No. of Boilers **2.** Type **Cylindrical Multitubular.**

Single or Double-ended **Single ended**

No. of Furnaces in each **2**

Type of Furnaces **Deighton**

Date when Plan approved **11.9.24.**

Approved Working Pressure **180 lbs \square "**

Hydraulic Test Pressure **300 . "**

Date of Hydraulic Test **9.3.25.**

" when Safety Valves set **7.4.25**

Pressure at which Valves were set **180 + 5 lbs.**

Date of Accumulation Test **7.4.25**

Maximum Pressure under Accumulation Test **192.**

System of Draught

Can Boilers be worked separately?

Makers of Plates

" Stay Bars

" Rivets

" Furnaces

Greatest Internal Diam. of Boilers

" " Length "

Square Feet of Heating Surface each Boiler

" " Grate "

No. of Safety Valves each Boiler

Are the Safety Valves fitted with Easing Gear?

No. of Pressure Gauges, each Boiler

" Test Cocks

Rule Diam. Actual

No. of Water Gauges

" Salinometer Cocks

See book 202 8" Kewfick

BC. TEST
No 2803.
320 lb.
WP 180 "
GAN.
9.3.25

*Port. + Starbo
main boilers*



© 2020

Lloyd's Register
Foundation

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

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

Are these Pipes connected to Boilers by Cocks or Valves?

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

No. of Strakes of Shell Plating in each Boiler

Plates in each Strake

Thickness of Shell Plates Approved

in Boilers

Are the Rivets Iron or Steel?

Are the Longitudinal Seams Butt or Lap Joints?

Are the Butt Straps Single or Double?

Are the Double Butt Straps of equal width?

Thickness of outside Butt Straps

inside

Are Longitudinal Seams Hand or Machine Riveted?

Are they Single, Double, or Treble Riveted?

No. of Rivets in a Pitch

Diar. of Rivet Holes Pitch

No. of Rows of Rivets in Centre Circumferential Seams

Are these Seams Hand or Machine Riveted?

Diar. of Rivet Holes Pitch

No. of Rows of Rivets in Front End Circumferential Seams

Are these Seams Hand or Machine riveted?

Diar. of Rivet Holes Pitch

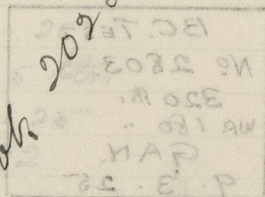
No. of Rows of Rivets in Back End Circumferential Seams

Are these Seams Hand or Machine Riveted?

Diar. of Rivet Holes Pitch

Size of Manholes in Shell

Dimensions of Compensating Rings



Thickness of End Plates in Steam Space Approved

in Boilers

Pitch of Steam Space Straps

Diagonal Straps per Inch

in Boilers

Material of

How are Straps Secured?

Diagonal and Thickness of Loose Washers on End Plates

Divided

Double Straps

Thickness of Middle Back End Plates Approved

in Boilers

Thickness of Doublings in Wide Spaces between Rivets

Pitch of Straps at

Diagonal Straps per Inch

in Boilers

Material

Are Straps Blued with Hot Ends?

Thickness of Back End Plates at Bottom Approved

in Boilers

Pitch of Straps at Wide Spaces between Rivets

Thickness of Doublings

Thickness of Front End Plates at Bottom Approved

in Boilers

Not of same thickness as other plates



© 2020

Lloyd's Register
Foundation

Thickness of End Plates in Steam Space Approved

" " " " " in Boilers

Pitch of Steam Space Stays

Diar. " " " " Approved Threads per Inch

" " " " " in Boilers

Material of " " "

How are Stays Secured?

Diar. and Thickness of Loose Washers on End Plates

" " Riveted " " "

Width " " Doubling Strips "

Thickness of Middle Back End Plates Approved

" " " " " in Boilers

Thickness of Doublings in Wide Spaces between Fireboxes

Pitch of Stays at " " "

Diar. of Stays Approved Threads per Inch

" " in Boilers

Material "

Are Stays fitted with Nuts outside?

Thickness of Back End Plates at Bottom Approved

" " " " " in Boilers

Pitch of Stays at Wide Spaces between Fireboxes

Thickness of Doublings in " "

Thickness of Front End Plates at Bottom Approved

" " " " " in Boilers

No. of Longitudinal Stays in Spaces between Furnaces

Threads per Inch

Dist. of Stays Approved

" " " " in Boilers

Material "

Thickness of Front Tube Plates Approved

" " " " in Boilers

Pitch of Stay Tubes at Spaces between Racks of Tubes

Thickness of Doublings in " "

Stay Tubes at " "

Are Stay Tubes fitted with Nuts at Front End?

Thickness of Back Tube Plates Approved

" " " " in Boilers

Pitch of Stay Tubes in Back Tube Plates

" " " " " "

Thickness of Stay Tubes

" " " " " "

External Dist. of Tubes

Material "

Thickness of Furnace Plates Approved

" " " " in Boilers

Smallest outside Dist. of Furnaces

Length between Tube Plates

© 2020



Lloyd's Register
Foundation

Diar. of Stays Approved Threads per Inch

" " in Boilers

Material " " " "

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?

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

See book 2022

Diag. of Screwed Stays Approved Threads per Inch

" " " " in Boilers

Material " " " "

Thickness of Combustion Chamber Plates Approved

" " " " in Boilers

Pitch of Screwed Stays in C.O. Tops

Thickness of Doublings in " " " "

" Stay Tubes at " " " "

Material " " " "

Thickness of Combustion Chamber Backs Approved

" " " " in Boilers

Pitch of Screwed Stays in C.O. Backs

Thickness of Doublings in " " " "

" Stay Tubes at " " " "

Material " " " "

Are all Screwed Stays fitted with Nuts at the C.O.?

Thickness of Combustion Chamber Bottoms

No. of Rivets over each Wing Connection

Centre " " " "

Depth and Thickness of Rivets

Material of Rivets

No. of Stays in each

No. of Rivets in each

Size of Rivets



© 2020

Lloyd's Register
Foundation

Diar. of Screwed Stays Approved Threads per Inch

" " " in Boilers

Material " "

Thickness of Combustion Chamber Sides Approved

" " " " in Boilers

Pitch of Screwed Stays in C.O. Sides

Diar. " " Approved Threads per Inch

" " " in Boilers

Material " "

Thickness of Combustion Chamber Backs Approved

" " " " in Boilers

Pitch of Screwed Stays in C.O. Backs

Diar. " " Approved Threads per Inch

" " " in Boilers

Material " "

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

Thickness of Combustion Chamber Bottoms

No. of Girders over each Wing Chamber

" " " Centre "

Depth and Thickness of Girders

Material of Girders

No. of Stays in each

No. of Tubes, each Boiler

Size of Lower Manholes

VERTICAL DONKEY BOILERS

No. of Boilers Type

Greatest In. Diar. Height

Height of Boiler Crown above Fire Grate

Are Boiler Crown Flat or Dished?

Internal Radius of Dished Ends Thickness of Plates

Description of Beams in Boiler Crown

Diar. of Rivet Holes Pitch Width of Overlap

Height of Firebox Crown above Fire Grate

Are Firebox Crown Flat or Dished?

External Radius of Dished Crown Thickness of Plates

No. of Crown Stays Material

External Diar. of Firebox at Top Bottom Thickness of Plates

No. of Water Tubes Pitch Diar. Thickness

Material of Water Tubes

Size of Manhole in Shell

Dimensions of Connecting Ring

Heating Surface, each Boiler Gross 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

Are " fitted with locking device?

Date of Examination Test

Pressure on Valves Pressure on Valves set



© 2020

Lloyd's Register
Foundation

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

None fitted

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 Lengths
 Material
 Branch, Welded or Seamless
 Internal Diar.
 Thickness
 How are Flanges secured?
 Date of Hydraulic Test
 Test Pressure

2
Steel
Branch
14"
1/4"
Expanded in service
3.4 x 24
240 lbs



© 2020

Lloyd's Register
Foundation

MAIN STEAM PIPES.

No. of Lengths

2

Material

Steel

Brazed, Welded or Seamless

Seamless

Internal Diam.

4"

Thickness

 $\frac{1}{4}$ "

How are Flanges secured?

Expanded in grooves

Date of Hydraulic Test

3.4.25

Test Pressure

540 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

PUMP EVAPORATORS. T.S.I.

Loss per Day

Type

No.

Date of Test

Test Pressure

Working Pressure

Date of Test of Safety Valves under Steam

FEED WATER HEATERS

Type

No.

Date of Test

Test Pressure

Working Pressure

FEED WATER FILTERS

Type

No.

Date of Test

Test Pressure

Working Pressure



© 2020

Lloyd's Register
Foundation

EVAPORATORS.

No.	Type	Makers	Working Pressure	Test Pressure	Date of Test	Tons per Day
1	Steel	Henry Watson & Co.	180 lbs	432 lbs	10.3.25	20

Date of Test of Safety Valves under Steam

FEED WATER HEATERS.

No.	Type	Makers	Working Pressure	Test Pressure	Date of Test
1	Surface	Henry Watson & Co.	180 lbs	432 lbs	10.3.25

FEED WATER FILTERS.

No.	Type	Makers	Working Pressure	Test Pressure	Date of Test	Size
1	Suction	Henry Watson & Co.	180 lbs	432 lbs	10.3.25	1150"

LIST OF DONKEY PUMPS.

No. of Pump	Type	Makers	Working Pressure	Test Pressure	Date of Test	Tons per Day
1	Steel	Henry Watson & Co.	180 lbs	432 lbs	10.3.25	20

See book 2023



© 2020

Lloyd's Register
Foundation

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

OTHER ARTICLES OF SPARE GEAR:—

© 2020

Lloyd's Register
Foundation

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.
Station of Dynamo				
Capacity				
Current Alternating or Continuous				
Single or Double Wire System				
Position of Dynamo				
Main Switch Board				
No. of Cranks to which Dynamo is connected				
Particulars of these Cranks				
Notes				

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



© 2020

Lloyd's Register
Foundation

ELECTRIC LIGHTING

Installation Fitted by *Earle, S & Co Ltd*

No. and Description of Dynamos

Makers of Dynamos

Capacity " Amperes, at Volts, Revols. per Min.

Current Alternating or Continuous

Single or Double Wire System

Position of Dynamos

Main Switch Board

No. of Circuits to which Switches are provided on Main Switch Board

Particulars of these Circuits:—

Circuit	Number of Lights	Candle Power	Current Required, Amps.	Size of Conductor	Current Density	Conductivity of Conductor	Insulation Resistance per Mile.
---------	------------------	--------------	-------------------------	-------------------	-----------------	---------------------------	---------------------------------

Total No. of Lights

No. of Motors driving Fans, &c.

No. of Heaters

Current required for Motors and Heaters

ELECTRIC LIGHTING

Installation Fitted by *Earle, S & Co Ltd*

No. and Description of Dynamos

Makers of Dynamos

Capacity " Amperes, at Volts, Revols. per Min.

Current Alternating or Continuous

Single or Double Wire System

Position of Dynamos

Main Switch Board

No. of Circuits to which Switches are provided on Main Switch Board

Particulars of these Circuits:—

Circuit	Number of Lights	Candle Power	Current Required, Amps.	Size of Conductor	Current Density	Conductivity of Conductor	Insulation Resistance per Mile.
---------	------------------	--------------	-------------------------	-------------------	-----------------	---------------------------	---------------------------------

See book.



© 2020

Lloyd's Register Foundation

Positions of Auxiliary Switch Boards, with No. of Switches on each

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

Are all Joints in Cables properly soldered and thoroughly Insulated so that the efficiency of the Cables is unimpaired?

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?

Is the Installation supplied with a Voltmeter?

" " " an Ampere Meter?

Date of Trial of complete Installation 11.4.25 Duration of Trial 6 hours.

Have all the requirements of Section 42 been satisfactorily carried out?



© 2020
Lloyd's Register
Foundation

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 Dynamometer, Main and Branch Pipes, so placed that the Compresses are not unduly

affected by them?

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

Has the Installation Resistance over the whole system been tested?

What does the Resistance amount to?

Is the Installation supplied with a Voltmeter?

Are Ampere Meters?

Date of Trial of complete Installation

Have all the requirements of Section 12 been satisfactorily carried out?

Are the following items as follows?

On Main Switch Board, in Cabin of Main Engine

On Air

Wherever a Cable is required to use

To each Lamp Circuit

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*

Are they placed so as to be always accessible?

Carriage Single Wire used, No.

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

"SHIRLEY G. TAYLOR."

as ascertained by *me* from personal examination

What special protection is provided in the following cases?

On Main Switch Board, in Cabin of Main Engine

On Air

Wherever a Cable is required to use

To each Lamp Circuit

Shirley G. Taylor
Engineer Surveyor to the British Corporation for the
Survey and Registry of Shipping.

Fees—

MAIN BOILERS.

£ s. d.

H.S. *2940* Sq. ft. : :

G.S. *76* " : :

DONKEY BOILERS.

H.S. *✓* Sq. ft. : :

G.S. *✓* " : :

£ : :

ENGINES.

L.P.O. *31.7* Cub. ft. : :

£ : :

Testing, &c. ... : :

£ : :

Expenses ... : :

£ : :

Total ... £ : :

It is submitted that this Report be approved,

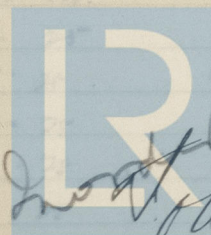
Wm King
Chief Surveyor.

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

20th May 1925

Fees advised

Fees paid



© 2020

Lloyd's Register
Foundation

Secretary.

GENERAL CONSTRUCTION

Form 1

State the Machinery and Equipment used in the construction of the building, and the amount of each, and the date of purchase.

Approved By: *[Signature]* Date: *1/25/25*

It is recommended that this Report be approved.

Approved By: *[Signature]* Date: *1/25/25*

Approved By: *[Signature]* Date: *1/25/25*

Approved By: *[Signature]* Date: *1/25/25*

Approved By: *[Signature]* Date: *1/25/25*

Approved By: *[Signature]* Date: *1/25/25*

Approved By: *[Signature]* Date: *1/25/25*

Approved By: *[Signature]* Date: *1/25/25*

Approved By: *[Signature]* Date: *1/25/25*

Approved By: *[Signature]* Date: *1/25/25*

Approved By: *[Signature]* Date: *1/25/25*

Approved By: *[Signature]* Date: *1/25/25*

Approved By: *[Signature]* Date: *1/25/25*

Approved By: *[Signature]* Date: *1/25/25*

Approved By: *[Signature]* Date: *1/25/25*

Approved By: *[Signature]* Date: *1/25/25*

Approved By: *[Signature]* Date: *1/25/25*

Approved By: *[Signature]* Date: *1/25/25*

Approved By: *[Signature]* Date: *1/25/25*

Approved By: *[Signature]* Date: *1/25/25*

Approved By: *[Signature]* Date: *1/25/25*

Approved By: *[Signature]* Date: *1/25/25*

Approved By: *[Signature]* Date: *1/25/25*

Approved By: *[Signature]* Date: *1/25/25*

Approved By: *[Signature]* Date: *1/25/25*

Approved By: *[Signature]* Date: *1/25/25*

Visits paid.

22. 8. 24	22. 1. 25
9. 9. 24	27. 1. 25
11. 9. 24	29. 1. 25
16. 9. 24	3. 2. 25
24. 9. 24	5. 2. 25
25. 9. 24	9. 2. 25
1. 10. 24	13. 2. 25
3. 10. 24	17. 2. 25
7. 10. 24	18. 2. 25
10. 10. 24	23. 2. 25
24. 10. 24	27. 2. 25
28. 10. 24	2. 3. 25
5. 11. 24	4. 3. 25
10. 11. 24	9. 3. 25
14. 11. 24	13. 3. 25
21. 11. 24	16. 3. 25
25. 11. 24	20. 3. 25
3. 12. 24	27. 3. 25
9. 12. 24	30. 3. 25
15. 12. 24	31. 3. 25
22. 12. 24	3. 4. 25
29. 12. 24	6. 4. 25
31. 12. 24	7. 4. 25
2. 1. 25	8. 4. 25
6. 1. 25	9. 4. 25
8. 1. 25	11. 4. 25
12. 1. 25	14. 4. 25
16. 1. 25	
21. 1. 25	

diff. diff. V

20.1.22	10.8.22
20.1.25	10.9.22
20.1.28	10.10.22
20.2.8	10.11.22
20.2.2	10.12.22
20.2.9	10.1.23
20.2.13	10.2.23
20.2.17	10.3.23
20.2.21	10.4.23
20.2.25	10.5.23
20.2.29	10.6.23
20.3.3	10.7.23
20.3.7	10.8.23
20.3.11	10.9.23
20.3.15	10.10.23
20.3.19	10.11.23
20.3.23	10.12.23
20.3.27	10.1.24
20.3.31	10.2.24
20.4.4	10.3.24
20.4.8	10.4.24
20.4.12	10.5.24
20.4.16	10.6.24
20.4.20	10.7.24
20.4.24	10.8.24
20.4.28	10.9.24
20.5.1	10.10.24
20.5.5	10.11.24
20.5.9	10.12.24
20.5.13	10.1.25
20.5.17	10.2.25
20.5.21	10.3.25
20.5.25	10.4.25
20.5.29	10.5.25
20.6.2	10.6.25
20.6.6	10.7.25
20.6.10	10.8.25
20.6.14	10.9.25
20.6.18	10.10.25
20.6.22	10.11.25
20.6.26	10.12.25
20.7.1	10.1.26
20.7.5	10.2.26
20.7.9	10.3.26
20.7.13	10.4.26
20.7.17	10.5.26
20.7.21	10.6.26
20.7.25	10.7.26
20.7.29	10.8.26
20.8.2	10.9.26
20.8.6	10.10.26
20.8.10	10.11.26
20.8.14	10.12.26
20.8.18	10.1.27
20.8.22	10.2.27
20.8.26	10.3.27
20.8.30	10.4.27
20.9.3	10.5.27
20.9.7	10.6.27
20.9.11	10.7.27
20.9.15	10.8.27
20.9.19	10.9.27
20.9.23	10.10.27
20.9.27	10.11.27
20.10.1	10.12.27
20.10.5	10.1.28
20.10.9	10.2.28
20.10.13	10.3.28
20.10.17	10.4.28
20.10.21	10.5.28
20.10.25	10.6.28
20.10.29	10.7.28
20.11.2	10.8.28
20.11.6	10.9.28
20.11.10	10.10.28
20.11.14	10.11.28
20.11.18	10.12.28
20.11.22	10.1.29
20.11.26	10.2.29
20.11.30	10.3.29
20.12.4	10.4.29
20.12.8	10.5.29
20.12.12	10.6.29
20.12.16	10.7.29
20.12.20	10.8.29
20.12.24	10.9.29
20.12.28	10.10.29
21.1.1	10.11.29
21.1.5	10.12.29
21.1.9	10.1.30
21.1.13	10.2.30
21.1.17	10.3.30
21.1.21	10.4.30
21.1.25	10.5.30
21.1.29	10.6.30
21.2.2	10.7.30
21.2.6	10.8.30
21.2.10	10.9.30
21.2.14	10.10.30
21.2.18	10.11.30
21.2.22	10.12.30
21.2.26	10.1.31
21.2.30	10.2.31
21.3.5	10.3.31
21.3.10	10.4.31
21.3.15	10.5.31
21.3.20	10.6.31
21.3.25	10.7.31
21.3.30	10.8.31
21.4.4	10.9.31
21.4.9	10.10.31
21.4.14	10.11.31
21.4.19	10.12.31
21.4.24	10.1.32
21.4.29	10.2.32
21.5.4	10.3.32
21.5.9	10.4.32
21.5.14	10.5.32
21.5.19	10.6.32
21.5.24	10.7.32
21.5.29	10.8.32
21.6.4	10.9.32
21.6.9	10.10.32
21.6.14	10.11.32
21.6.19	10.12.32
21.6.24	10.1.33
21.6.29	10.2.33
21.7.4	10.3.33
21.7.9	10.4.33
21.7.14	10.5.33
21.7.19	10.6.33
21.7.24	10.7.33
21.7.29	10.8.33
21.8.4	10.9.33
21.8.9	10.10.33
21.8.14	10.11.33
21.8.19	10.12.33
21.8.24	10.1.34
21.8.29	10.2.34
21.9.4	10.3.34
21.9.9	10.4.34
21.9.14	10.5.34
21.9.19	10.6.34
21.9.24	10.7.34
21.9.29	10.8.34
21.10.4	10.9.34
21.10.9	10.10.34
21.10.14	10.11.34
21.10.19	10.12.34
21.10.24	10.1.35
21.10.29	10.2.35
21.11.4	10.3.35
21.11.9	10.4.35
21.11.14	10.5.35
21.11.19	10.6.35
21.11.24	10.7.35
21.11.29	10.8.35
21.12.4	10.9.35
21.12.9	10.10.35
21.12.14	10.11.35
21.12.19	10.12.35
21.12.24	10.1.36
21.12.29	10.2.36
22.1.4	10.3.36
22.1.9	10.4.36
22.1.14	10.5.36
22.1.19	10.6.36
22.1.24	10.7.36
22.1.29	10.8.36
22.2.4	10.9.36
22.2.9	10.10.36
22.2.14	10.11.36
22.2.19	10.12.36
22.2.24	10.1.37
22.2.29	10.2.37
22.3.4	10.3.37
22.3.9	10.4.37
22.3.14	10.5.37
22.3.19	10.6.37
22.3.24	10.7.37
22.3.29	10.8.37
22.4.4	10.9.37
22.4.9	10.10.37
22.4.14	10.11.37
22.4.19	10.12.37
22.4.24	10.1.38
22.4.29	10.2.38
22.5.4	10.3.38
22.5.9	10.4.38
22.5.14	10.5.38
22.5.19	10.6.38
22.5.24	10.7.38
22.5.29	10.8.38
22.6.4	10.9.38
22.6.9	10.10.38
22.6.14	10.11.38
22.6.19	10.12.38
22.6.24	10.1.39
22.6.29	10.2.39
22.7.4	10.3.39
22.7.9	10.4.39
22.7.14	10.5.39
22.7.19	10.6.39
22.7.24	10.7.39
22.7.29	10.8.39
22.8.4	10.9.39
22.8.9	10.10.39
22.8.14	10.11.39
22.8.19	10.12.39
22.8.24	10.1.40
22.8.29	10.2.40
22.9.4	10.3.40
22.9.9	10.4.40
22.9.14	10.5.40
22.9.19	10.6.40
22.9.24	10.7.40
22.9.29	10.8.40
22.10.4	10.9.40
22.10.9	10.10.40
22.10.14	10.11.40
22.10.19	10.12.40
22.10.24	10.1.41
22.10.29	10.2.41
22.11.4	10.3.41
22.11.9	10.4.41
22.11.14	10.5.41
22.11.19	10.6.41
22.11.24	10.7.41
22.11.29	10.8.41
22.12.4	10.9.41
22.12.9	10.10.41
22.12.14	10.11.41
22.12.19	10.12.41
22.12.24	10.1.42
22.12.29	10.2.42
23.1.4	10.3.42
23.1.9	10.4.42
23.1.14	10.5.42
23.1.19	10.6.42
23.1.24	10.7.42
23.1.29	10.8.42
23.2.4	10.9.42
23.2.9	10.10.42
23.2.14	10.11.42
23.2.19	10.12.42
23.2.24	10.1.43
23.2.29	10.2.43
23.3.4	10.3.43
23.3.9	10.4.43
23.3.14	10.5.43
23.3.19	10.6.43
23.3.24	10.7.43
23.3.29	10.8.43
23.4.4	10.9.43
23.4.9	10.10.43
23.4.14	10.11.43
23.4.19	10.12.43
23.4.24	10.1.44
23.4.29	10.2.44
23.5.4	10.3.44
23.5.9	10.4.44
23.5.14	10.5.44
23.5.19	10.6.44
23.5.24	10.7.44
23.5.29	10.8.44
23.6.4	10.9.44
23.6.9	10.10.44
23.6.14	10.11.44
23.6.19	10.12.44
23.6.24	10.1.45
23.6.29	10.2.45
23.7.4	10.3.45
23.7.9	10.4.45
23.7.14	10.5.45
23.7.19	10.6.45
23.7.24	10.7.45
23.7.29	10.8.45
23.8.4	10.9.45
23.8.9	10.10.45
23.8.14	10.11.45
23.8.19	10.12.45
23.8.24	10.1.46
23.8.29	10.2.46
23.9.4	10.3.46
23.9.9	10.4.46
23.9.14	10.5.46
23.9.19	10.6.46
23.9.24	10.7.46
23.9.29	10.8.46
23.10.4	10.9.46
23.10.9	10.10.46
23.10.14	10.11.46
23.10.19	10.12.46
23.10.24	10.1.47
23.10.29	10.2.47
23.11.4	10.3.47
23.11.9	10.4.47
23.11.14	10.5.47
23.11.19	10.6.47
23.11.24	10.7.47
23.11.29	10.8.47
23.12.4	10.9.47
23.12.9	10.10.47
23.12.14	10.11.47
23.12.19	10.12.47
23.12.24	10.1.48
23.12.29	10.2.48
24.1.4	10.3.48
24.1.9	10.4.48
24.1.14	10.5.48
24.1.19	10.6.48
24.1.24	10.7.48
24.1.29	10.8.48
24.2.4	10.9.48
24.2.9	10.10.48
24.2.14	10.11.48
24.2.19	10.12.48
24.2.24	10.1.49
24.2.29	10.2.49
24.3.4	10.3.49
24.3.9	10.4.49
24.3.14	10.5.49
24.3.19	10.6.49
24.3.24	10.7.49
24.3.29	10.8.49
24.4.4	10.9.49
24.4.9	10.10.49
24.4.14	10.11.49
24.4.19	10.12.49
24.4.24	10.1.50
24.4.29	10.2.50
24.5.4	10.3.50
24.5.9	10.4.50
24.5.14	10.5.50
24.5.19	10.6.50
24.5.24	10.7.50
24.5.29	10.8.50
24.6.4	10.9.50
24.6.9	10.10.50
24.6.14	10.11.50
24.6.19	10.12.50
24.6.24	10.1.51
24.6.29	10.2.51
24.7.4	10.3.51
24.7.9	10.4.51
24.7.14	10.5.51
24.7.19	10.6.51
24.7.24	10.7.51
24.7.29	10.8.51
24.8.4	10.9.51
24.8.9	10.10.51
24.8.14	10.11.51
24.8.19	10.12.51
24.8.24	10.1.52
24.8.29	10.2.52
24.9.4	10.3.52
24.9.9	10.4.52
24.9.14	10.5.52
24.9.19	10.6.52
24.9.24	10.7.52
24.9.29	10.8.52
24.10.4	10.9.52
24.10.9	10.10.52
24.10.14	10.11.52
24.10.19	10.12.52
24.10.24	10.1.53
24.10.29	10.2.53
24.11.4	10.3.53
24.11.9	10.4.53
24.11.14	10.5.53
24.11.19	10.6.53
24.11.24	10.7.53
24.11.29	10.8.53
24.12.4	10.9.53
24.12.9	10.10.53
24.12.14	10.11.53
24.12.19	10.12.53
24.12.24	10.1.54
24.12.29	10.2.54
25.1.4	10.3.54
25.1.9	10.4.54
25.1.14	10.5.54
25.1.19	10.6.54
25.1.24	10.7.54
25.1.29	10.8.54
25.2.4	10.9.54
25.2.9	10.10.54
25.2.14	10.11.54
25.2.19	10.12.54
25.2.24	10.1.55
25.2.29	10.2.55
25.3.4	10.3.55
25.3.9	10.4.55
25.3.14	10.5.55
25.3.19	10.6.55
25.3.24	10.7.55
25.3.29	10.8.55
25.4.4	10.9.55
25.4.9	10.10.55
25.4.14	10.11.55
25.4.19	10.12.55
25.4.24	10.1.56
25.4.29	10.2.56
25.5.4	10.3.56
25.5.9	10.4.56
25.5.14	10.5.56
25.5.19	10.6.56
25.5.24	10.7.56
25.5.29	10.8.56
25.6.4	10.9.56
25.6.9	10.10.56
25.6.14	10.11.56
25.6.19	10.12.56
25.6.24	10.1.57
25.6.29	10.2.57
25.7.4	10.3.57
25.7.9	10.4.57
25.7.14	10.5.57
25.7.19	10.6.57
25.7.24	10.7.57
25.7.29	10.8.57
25.8.4	



© 2020

Lloyd's Register
Foundation



© 2020

Lloyd's Register
Foundation